

Owner's Manual 4
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47"

1080p HDTV LCD 120Hz
TV HD 1080p de LCD 120Hz



DP47460

Model No. / No. de Modelo

Part No. / No. de parte: 1JC6P1P0377A-

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN!	THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT. 
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

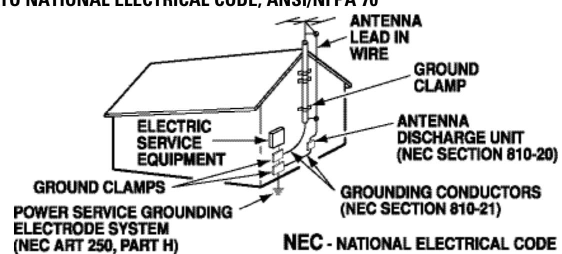
IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit fully into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. In the U.S. Selection 810-21 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrodes.
16. An outside antenna system should not be located in the vicinity of overhead power lines or other electrical light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE, ANSI/NFPA 70



"Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

17. Wall or Ceiling Mounting—The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
18. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
19. When the MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

CAUTION: FCC Regulations state that improper modifications or unauthorized changes to this unit may void the user's authority to operate the unit.

TRADEMARKS



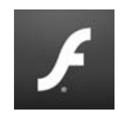
Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



As an Energy Star® Partner, Sanyo Manufacturing Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.



Adobe®, Adobe Flash®, and Flash Lite® are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

PC RESOLUTION CHART

RESOLUTION	ASPECT RATIO	REFRESH RATE	HORIZONTAL FREQUENCY	VERTICAL FREQUENCY
640 x 480	4 : 3	60 Hz 72 Hz 75 Hz 85 Hz	31.47 kHz 37.86 kHz 37.50 kHz 43.27 kHz	59.94 Hz 72.81 Hz 75.00 Hz 85.01 Hz
720 x 400	16 : 10	70 Hz	31.47 kHz	70.00 Hz
800 x 600	4 : 3	56 Hz 60 Hz 72 Hz 75 Hz 85 Hz	35.16 kHz 37.88 kHz 48.08 kHz 46.88 kHz 53.67 kHz	56.25 Hz 60.32 Hz 72.19 Hz 75.00 Hz 85.06 Hz
1024 x 768	4 : 3	60 Hz 70 Hz 75 Hz 85 Hz	48.36 kHz 56.48 kHz 60.02 kHz 68.68 kHz	60.00 Hz 70.07 Hz 75.02 Hz 85.00 Hz
1152 x 864	4 : 3	75 Hz	67.50 kHz	75.00 Hz
1280 x 768	5 : 3	60 Hz 60 Hz 75 Hz 85 Hz	47.40 kHz 47.78 kHz 60.29 kHz 68.63 kHz	60.00 Hz 59.87 Hz 74.89 Hz 84.84 Hz
1280 x 960	4 : 3	60 Hz 85 Hz	60.00 kHz 85.94 kHz	60.00 Hz 85.00 Hz
1280 x 1024	5 : 4	60 Hz 75 Hz 85 Hz	63.98 kHz 79.98 kHz 91.15 kHz	60.02 Hz 75.02 Hz 85.02 Hz
1360 x 768	16 : 9	60 Hz	47.71 kHz	60.00 Hz
1440 x 900	16 : 10	60 Hz 60 Hz	55.93 kHz 55.47 kHz	59.89 Hz 59.90 Hz
1920 x 1080	16 : 9	60 Hz	67.50 kHz	60.00 Hz

CONTENTS



CONTAINS MERCURY LAMPS, DISPOSE OF PROPERLY



SPECIFICATIONS

Power Requirement: Source: AC 120V, 60Hz

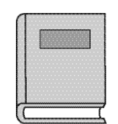
AC Power Consumption: 221 watts

Weight: 45 lbs.(w/stand)

Dimensions:

MODEL	WIDTH	HEIGHT	DEPTH
DP47460	44.6	29.4	12.7
w/o stand		27.2	4.6

NOTE: Dimensions are in inches



Please read before operating your HDTV!

PROTECTING THE SCREEN

CAUTION: The screen can be damaged if it is not maintained properly.

- Do not use hard objects such as hard cloth or paper to clean the screen.
- Do not use excessive pressure when cleaning the screen; excessive pressure can cause permanent discoloration or dark spots.
- **NEVER** spray liquids on the screen.



HANDLING PRECAUTIONS

- Handle by the cabinet only.
- Never touch the screen when handling.
- Handling damage is **not** covered under warranty.

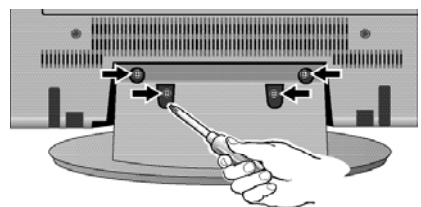
"The American Academy of Pediatrics discourages television viewing for children younger than two years of age"

POSITIONING THE HDTV

- Always use a firm and flat surface when positioning your HDTV.
- Do not position the unit in a confined area.
- Allow adequate space for proper ventilation.
- Do not position the HDTV where it is easily reachable by small children and may present risk of injury.

STAND REMOVAL

1. Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish
2. Remove the four (4) screws securing the foot stand. **CAUTION:** Hold the stand firmly as you remove the last screw.



STAND ASSEMBLY

1. Place HDTV face down on a padded or cushioned flat surface to protect the screen and finish
2. Carefully insert the stand base to the bottom of the HDTV and secure the base by inserting 4 screws as indicated in the above diagram.

NOTE: *If your HDTV came packed with the Stand Base unassembled, these screws will be found in the literature package.*

WALL MOUNTING

Wall mounting of the HDTV must be performed by a skilled person.

Use the screws you would use to attach the stand base to secure the HDTV to a wall mounting kit (not included.)

VESA standard interface: 400 x 400

Mounting screws measurements:

M6 (6mm) Diameter, Length—12mm (maximum)

GETTING STARTED

1 BATTERY INSTALLATION

Install two (2) "AAA" batteries in the remote control. (Not included)



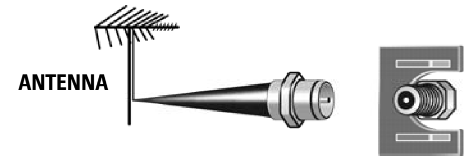
To ensure safe operation, please observe the following precautions:

- Replace both batteries at the same time. Do not use a new battery with a used battery.
- There's a risk of explosion if a battery is replaced by an incorrect type.
- Do not expose the Remote Control unit to moisture or heat.
- Be sure to match the **"+"** and **"–"** signs on the batteries with marks inside the remote control.

2 ANTENNA CONNECTION FOR OFF-AIR SIGNALS OR CABLE

Hook up your antenna or your cable service to the HDTV's **ANT** terminal with the use of a 75 OHM coaxial cable.

NOTE: *Keep your indoor antenna at least 3 ft. away from the television set and any other electronic equipment.*



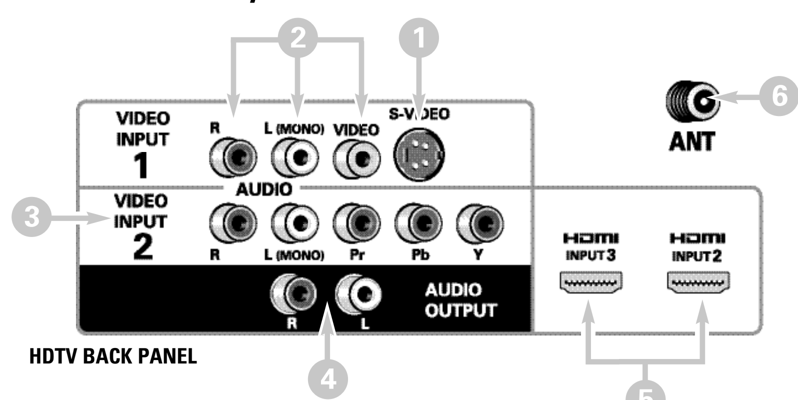


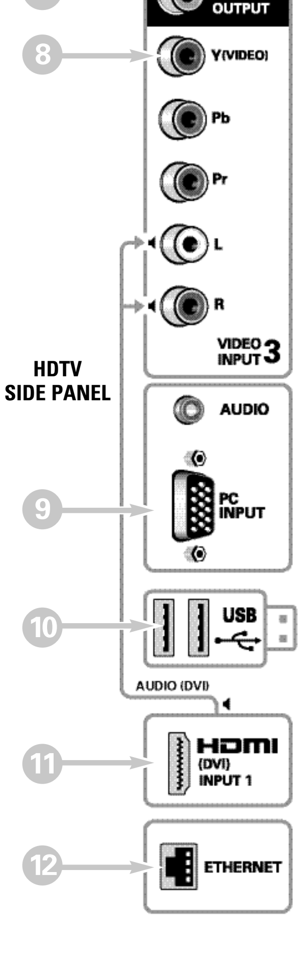


The tuner in this HDTV can receive:

- Digital and Analog off air signals from an antenna
- Analog or ClearQAM cable channels from a direct Cable TV connection.

HDTV INPUT/OUTPUT REFERENCE





1 **S-Video Input (VIDEO1)**

NOTE: An S-Video connection will override a connection to the Video1 (yellow) input jack.

2 **Composite AV Input (VIDEO1) –** Yellow (Video), plus white and red (Audio) input jacks.

3 **Component AV Input (VIDEO2) –** Green (Y), blue (Pb), and red (Pr) Video inputs plus the white and red Audio inputs.

4 **Stereo Audio Out (L/R) Jacks**

5 **HDMI (INPUT2 & 3) –** An all digital AV interface accepting uncompressed video signals up to 1080p for the best picture possible.

6 **Analog / Digital Antenna Input –** Connect a 75 OHM cable from an antenna or direct Cable service.

7 **Digital Audio Output (Coaxial)**

8 **Component AV Input (VIDEO3) –** Green (Y), blue (Pb), and red (Pr) Video inputs plus the white and red Audio inputs.

NOTE: A Composite connection is possible via VIDEO INPUT3 using the Y (VIDEO) jack and the L/R audio jacks. (See Video 3 Setting on page 12.)

9 **PC Input and Stereo Audio (Mini)**

- MONITOR RGB (D-SUB)
- AUDIO R/L (Stereo Mini Jack)

NOTE: See page 19 for proper PC hookup and setup.

10 **USB Input**
View pictures stored in a USB flash drive or connect to the internet with the WiFi dongle. *

11 **HDMI (INPUT1) –** An all digital AV interface accepting uncompressed video signals up to 1080p for the very best picture possible.

NOTE: A DVI connection is possible via the HDMI INPUT1 (DVI) using an appropriate adapter and the VIDEO3 Audio jacks for sound output.

12 **ETHERNET Port**
Hook up your HDTV to the internet with the use of an appropriate ethernet cable and a correct internet setup. *

** NOTE: Please refer to the Internet Ready HDTV Guide for the proper connection methods.*

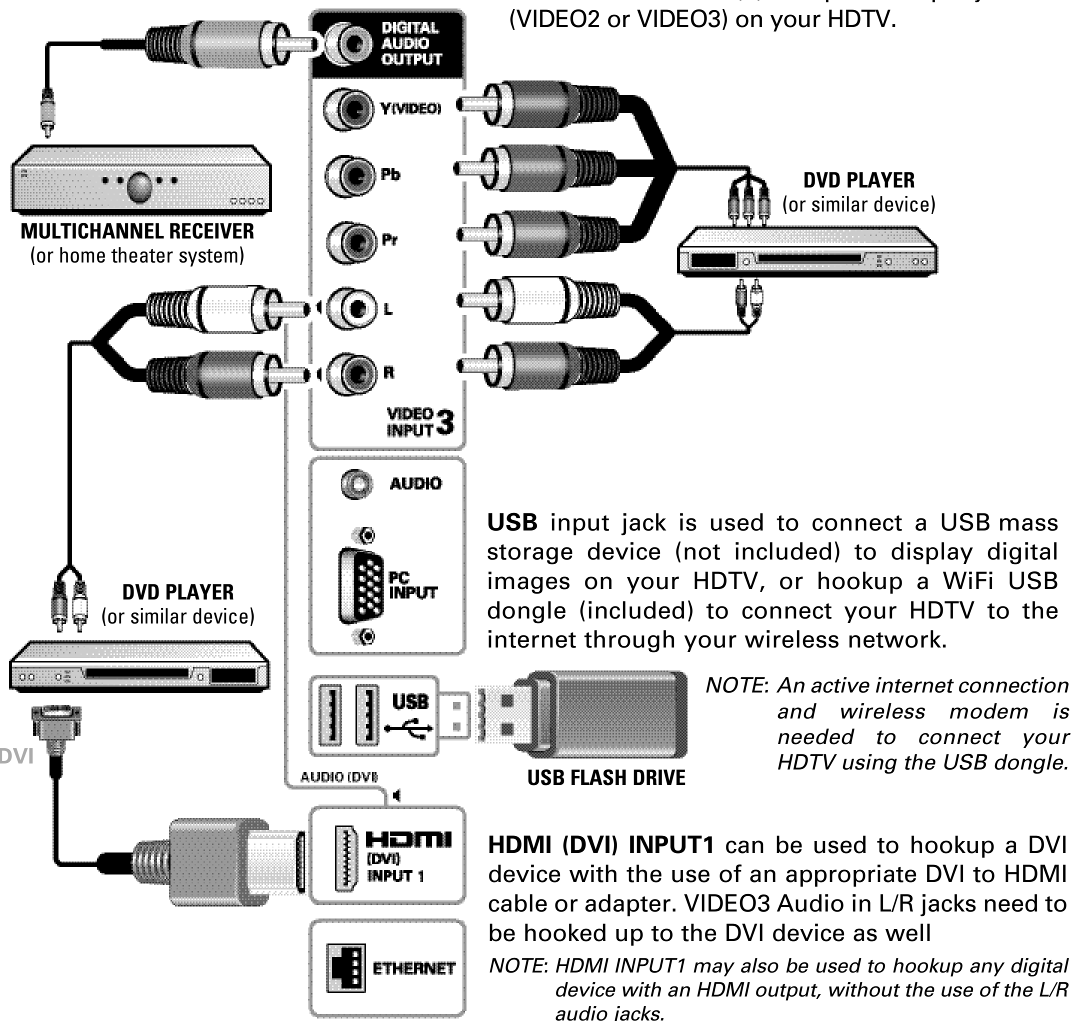
3 AUDIO / VIDEO CONNECTIONS (SIDE PANEL)

Digital Audio Output is used to output the HDTV's Audio through your home theater system.

Hook up the HDTV's Digital Audio Output to your home theater system's input with the use of a phono-type Digital Audio cable.

COMPONENT connections will accept SDTV, EDTV and HDTV video signals. Use them for great image quality from digital devices such as a DVD player or Video Game system.

Match your digital device's Component output jacks to either of the two (2) Component input jack sets (VIDEO2 or VIDEO3) on your HDTV.



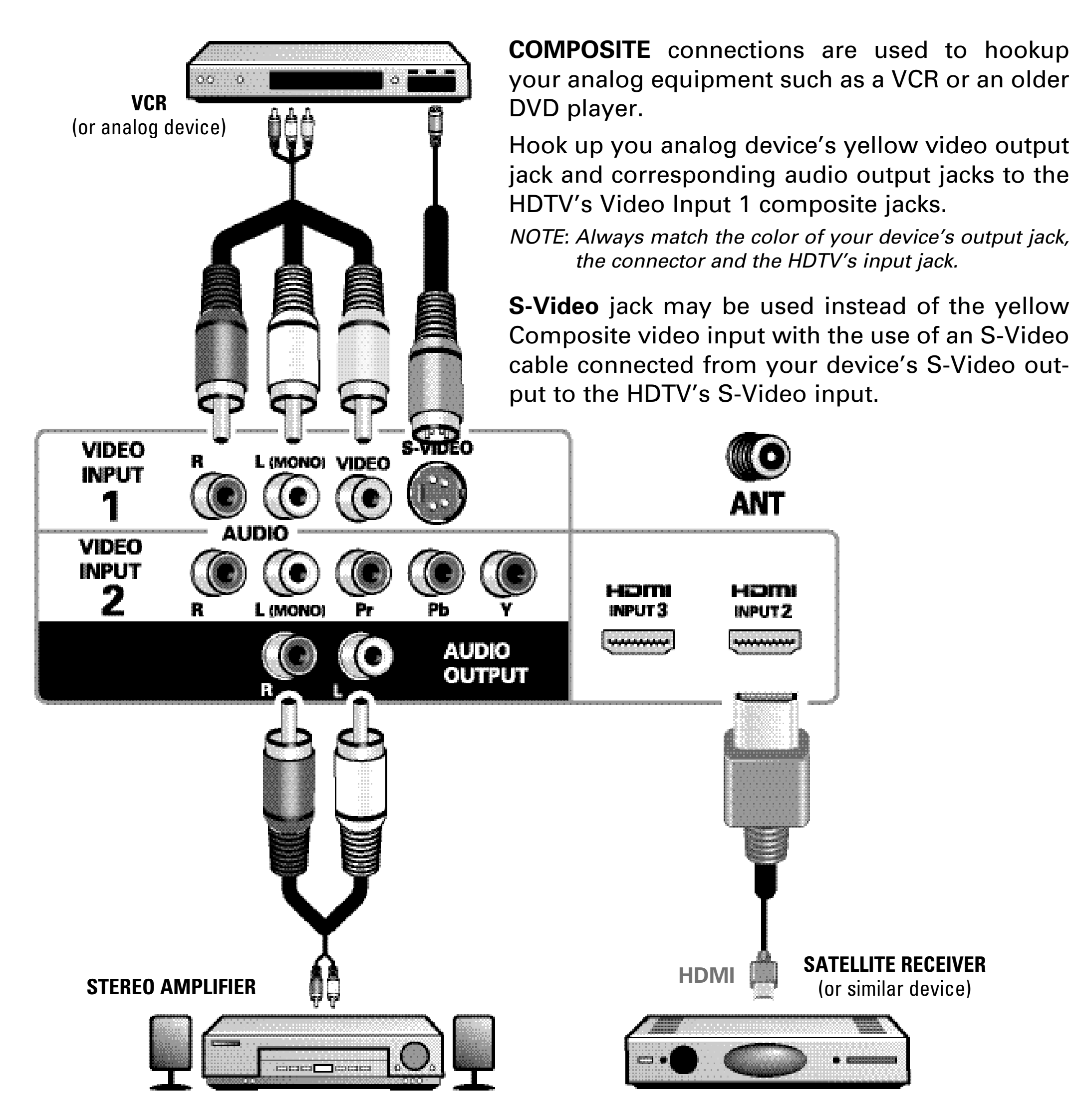
USB input jack is used to connect a USB mass storage device (not included) to display digital images on your HDTV, or hookup a WiFi USB dongle (included) to connect your HDTV to the internet through your wireless network.

NOTE: An active internet connection and wireless modem is needed to connect your HDTV using the USB dongle.

HDMI (DVI) INPUT1 can be used to hookup a DVI device with the use of an appropriate DVI to HDMI cable or adapter. VIDEO3 Audio in L/R jacks need to be hooked up to the DVI device as well

NOTE: HDMI INPUT1 may also be used to hookup any digital device with an HDMI output, without the use of the L/R audio jacks.

3 AUDIO / VIDEO CONNECTIONS (BACK PANEL)



COMPOSITE connections are used to hookup your analog equipment such as a VCR or an older DVD player.

Hook up you analog device's yellow video output jack and corresponding audio output jacks to the HDTV's Video Input 1 composite jacks.

NOTE: Always match the color of your device's output jack, the connector and the HDTV's input jack.

S-Video jack may be used instead of the yellow Composite video input with the use of an S-Video cable connected from your device's S-Video output to the HDTV's S-Video input.

Audio Output L/R are used to hookup an external stereo Amplifier. Connect your home stereo's input jacks to the HDTV's Audio Output jacks with a pair of audio red and white connectors.

NOTE: Do not connect external speakers directly to the HDTV.

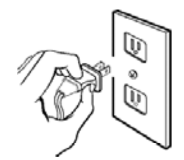
Use **HDMI INPUT1, 2 & 3** to hookup HD digital devices such as a Blu-ray player, HD Cable Box, HD Satellite Receiver or Video-game System.

Connect your digital device's HDMI output to any of the three (3) HDMI inputs on your HDTV with the use of an HDMI cable.

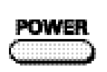
4 INITIAL CHANNEL SEARCH



Before proceeding, please make sure to hook up your antenna or cable connection and all AV equipment correctly to your HDTV.



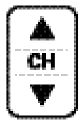
PLUG IN AC POWER CORD
120V AC, 60Hz



TURN ON TV (PRESS POWER BUTTON)
Wait for on-screen instructions to set an Initial Energy Saving Mode, and perform an Initial Channel/Signal Search.

TV SET LOCATION SELECTION:
Select “Home Mode” by pressing the **CH▼** key to set the HDTV’s backlight to an Energy Star qualified level, or select “Store Mode” by pressing **CH▲** to set the backlight to a retail display level.

CHANNEL AND AV SIGNAL SEARCH:



Press the **CH▲▼** key to perform a channel search from an Antenna or a direct Cable connection, and a signal search from devices hooked up to the HDTV’s AV input jacks.

ON SCREEN HELP (OPTIONAL)



Press the **CH▼** key if you wish to access an on screen trouble shooting guide.
NOTE: On screen help is also accesible via the main menu.

CHANNEL AND SIGNAL SETUP SCREEN
The final setup screen displays analog and digital channels found as well as AV inputs detected. Pressing the **CH▲▼** key finalizes the setup process.

NOTE: To repeat the initial setup process press **VOL▼**.

5 AV INPUT SELECTION



Press the **INPUT** key to select the correct AV input for the video source you wish to watch.

Please select the proper location for your TV,
the display will be adjusted for best results.

- Press CHannel UP for Store Mode.
- Press CHannel DOWN for Home Mode.

Store mode is for the retail display setup.
Home mode qualifies for ENERGY STAR.

INITIAL ENERGY SAVING MODE SCREEN

Please connect all antennas* and signals to the jacks and terminals.
Make sure all of your equipment is switched on.

- Press CHannel UP or DOWN for Channel/Signal search.
- Press VOLume DOWN for On Screen Help.

* To avoid signal interference when searching for channels using an Indoor Antenna, place the antenna at least 3 feet away from TV.

INITIAL CHANNEL/SIGNAL SEARCH SETUP SCREEN



CHANNEL SEARCH PROGRESS SCREEN

Channel and Signal Setup:

Analog Channels...16	Digital Channels...24
Video 1...Yes	HDMI 1...Yes
Video 2...no	HDMI 2...no
Video 3...no	HDMI 3...no

Press CHannel UP or DOWN to exit the Setup process.
Press VOLume DOWN to repeat the process.

If you are having problems, call us toll-free at 1-800-877-5032

CHANNEL/SIGNAL LIST SCREEN

- **POWER Key—**Turns your HDTV On or Off.
- **ECO Key—**Modifies the *Energy Saver* level (see page 13.)
- **AUDIO Key—**Selects the desired Audio mode. Stereo, Mono, or SAP (when available.)
- **ON TIMER Key—**Displays the current switch on time (see *Clock Timer* on page 14.)
- **CAPTION Key—**Cycles through the available Caption modes.
- **RESET Key—**Pressing it twice restores your HDTV to its factory settings. All user customized settings will be cleared.
- **SLEEP Key—**Displays the “Off” Timer. While Off Timer is on-screen, press the “0” key to Set the amount of time (in 30 minute increments) at which the HDTV will turn off.
- **PICTURE Key—**Cycle through the picture modes.
- **SOUND Key—**Cycle through the sound modes.
- **NUMERICAL Keys—**Select channels directly.

  NOTE: For channels 100 and up, press and hold the first number, then enter the remaining two numbers.
- **– (sub ch) Key —**Allows for the direct selection of digital subchannels. For example: to select channel 39.1 press the **3**, **9**, **–**, and **1** keys.
- **INPUT Key—**Selects the video source to view. Holding down the key displays the Input List.
- **Volume + – Keys—**Increases or decreases the audio level.
- **Channel ▲ ▼ Keys—**Scan through the channels in the memory database.
- **MUTE Key—**Mute or restore the sound.
- **NET@ Key—**Opens the Sanyo Net Apps menu screen.
- **PIX SHAPE Key—**Cycles through the available aspect ratios. The different settings either stretch, zoom, or fill the image on your screen. Bars may appear on top and bottom of your screen (or on left and right sides) depending on the broadcasted signal or program. (See page 17)
- **USB Key—**Selects the USB input directly.
- **RECALL Key—**Switch between current channel and last selected channel.
- **MENU Key—**Displays or hides the on-screen menu.
- **HELP Key—**Displays on-screen Help menu.
- **INFO Key—**Displays the Channel Information banner.
- **EXIT Key—**Exits the on-screen menu.
  Return to the previous screen when navigating the Net input.
- **Cursor ▲ (UP) ▼ (DOWN) keys—**Move the on-screen cursor up and down.
- **Cursor ◀ (LEFT) ▶ (RIGHT) keys—**Move the on-screen cursor left and right.
- **ENTER Key—**Set or select the highlighted option on the screen.

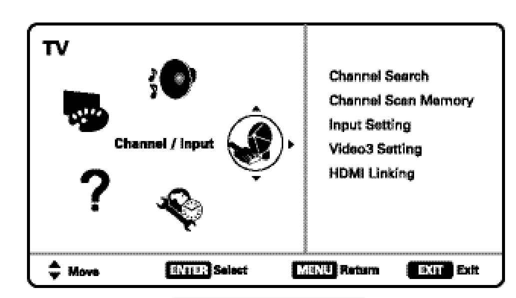
The **PLAY, PAUSE, STOP, REW, FF, W, T, CAMERA,** and **XACTI MENU keys** control playback features on a Sanyo Xacti digital camera when the HDMI-CEC feature has been activated on both the HDTV and the Xacti camera (see *HDMI Linking* feature on page 12.)

NOTE: These playback keys may or may not react with other devices other than the Xacti camera.

CHANNEL / INPUT



Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Channel / Input.* Press **ENTER**.



MAIN MENU SCREEN

Channel Search

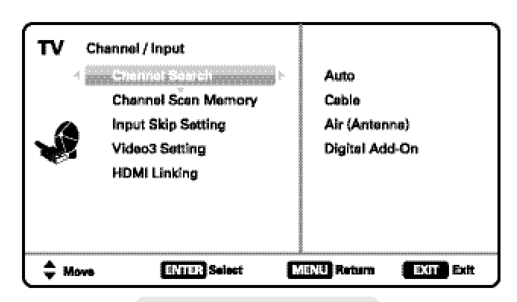
Auto – Searches the detected mode, Cable or Air.

Cable – Searches for analog and unscrambled (ClearQAM) digital cable channels.

Air (Antenna) – Searches for analog and digital off-air channels.

Digital Add-On – Searches digital off-air channels adding newly found digital channels to the channel map database.

NOTE: Digital Add-On option is not available when the current mode is Cable.



CHANNEL/INPUT SCREEN

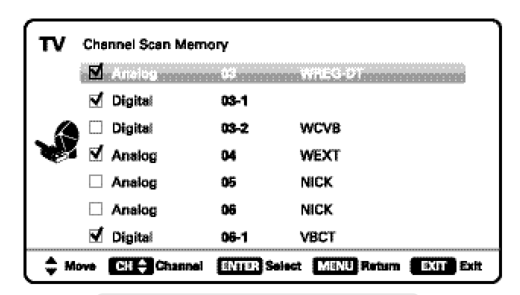
Channel Scan Memory

Channel Scan Memory lists all Analog and Digital channels found. It also lists Analog channels that were not found, which can be added.

Use the **CURSOR ▲▼** keys to move the channel select bar through all enabled and disabled channels, or use the **CH ▲▼** keys to skip all disabled channels.

Press **ENTER** to enable or disable the selected channel.

NOTE: For information on local digital channels, visit www.antennaweb.org



CHANNEL SCAN MEMORY SCREEN

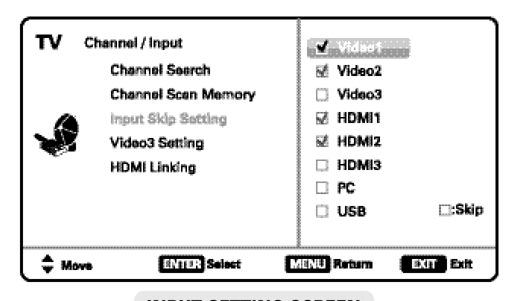
IMPORTANT FACT: This HDTV maintains only one database of digital channels. Therefore, when you search for cable channels, the database of antenna digital channels will be deleted. You will only be able to receive those ClearQAM channels your cable company provides.

Input Setting

Input Setting feature allows the removal of unused inputs from the AV input loop.

Use the **CURSOR ▲▼** keys to select an AV input. Press **ENTER** to disable (uncheck) or enable (check) the highlighted input.

NOTE: At least one input must and will remain enabled.
☐:Skip is for reference only.



INPUT SETTING SCREEN

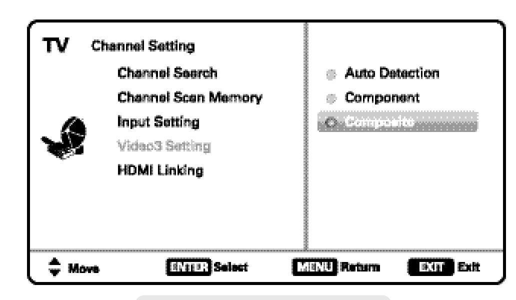
CHANNEL SETTING

Video3 Setting

Use this feature to establish either a Component or Composite connection to the VIDEO INPUT 3 jacks on your HDTV.

Use the **CURSOR ▲▼** keys to select the type of hook up that will be used in the Video3 input.

Press **ENTER**, a blue mark will appear next to the selected option.



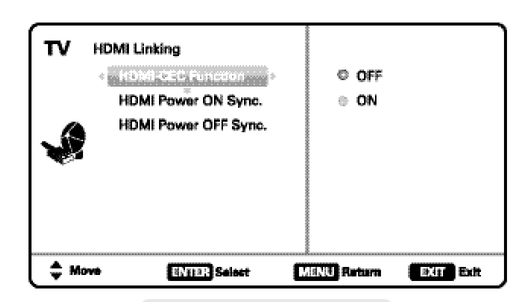
VIDEO3 SETTING SCREEN

HDMI Linking

NOTE: Designed for use with a Sanyo Xacti Digital VIdeo/Movie Camera, and may not support all HDMI-CEC functions of other equipment.

Use the *HDMI-CEC Function* to enable or disable all available CEC functions.

HDMI *Power ON Sync* and *Power OFF Sync* enable specific features including the automatic power ON process and power OFF process.



HDMI LINKING SCREEN

CEC (Consumer Electronics Control)

The CEC feature allows the control of multiple CEC-enabled devices with one remote control, and the interaction of devices with each other without user intervention.

Xacti-LINK



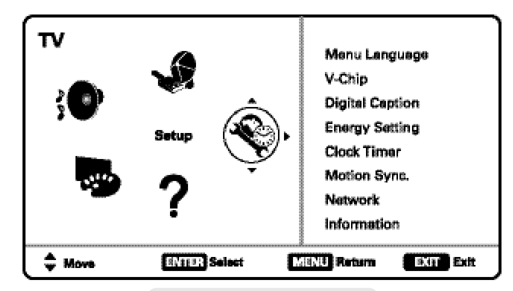
With a Sanyo Xacti Digital Video/Movie Camera hooked up to your HDTV's HDMI input, setting the *HDMI-CEC Function* to ON enables you the use of keys on your GXEC remote to operate your Xacti camera.

NOTE: The HDMI-CEC function of the Xacti camera must also be turned ON to enable the Xacti-Link.

SETUP

MENU

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Setup.*
Press **ENTER**.



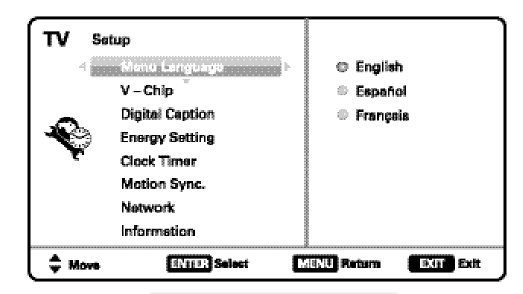
MAIN MENU SCREEN

Menu Language

Choose the language in which the On Screen menus will be displayed.

- English
- Español
- Français

Press **ENTER** on the desired language.



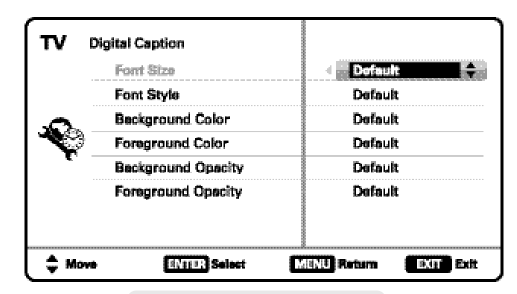
MENU LANGUAGE SCREEN

Digital Caption

Captioning is textual information transmitted along with the picture and sound. Turning Captioning ON (by pressing the **CAPTION** key during normal TV viewing) causes the HDTV to open these captions (digital or analog) and superimpose them on the screen.

NOTE: Local broadcasters decide which caption signals to transmit.

Use the **CURSOR ▲▼** and **◀ ▶** keys to modify *Font, Background,* and *Foreground* of digital caption text.



DIGITAL CAPTION SCREEN

Energy Setting

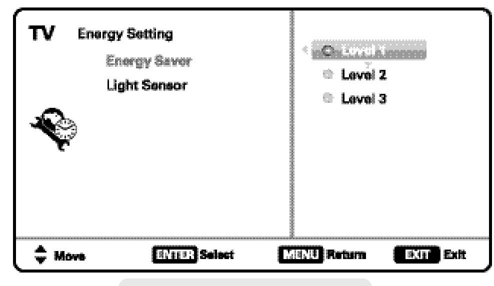
Use the *Energy Saver* and *Light Sensor* features found under Energy Setting to lower power comsumption by controlling the LED backlight brightness levels.

Energy Saver – This settings control the LCD backlight brightness to reduce power consumption.

- Level 1: Energy Saver feature is off.
- Level 2: Low power consumption.
- Level 3: Lowest power consumption.

Press **ENTER** on the desired level.

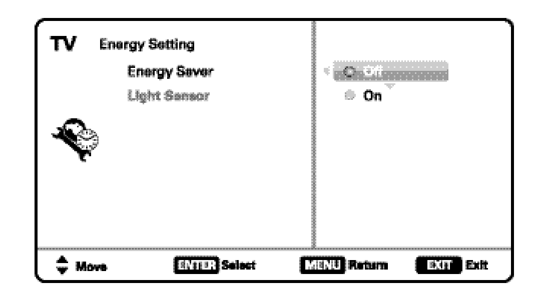
NOTE: ECO key may also be used as a shortcut to modify the Energy Saver settings without accessing the menu.



ENERGY SAVER SCREEN

Light Sensor – Detects ambient room light brightness and uses that reading to control the panel brightness level and picture parameters to reduce the HDTV's power consumption.

NOTE: *When room lighting is dark, the panel brightness and/or the picture setting parameters such as brightness and contrast are lowered. When room lighting is bright, parameters are affected opposite.*

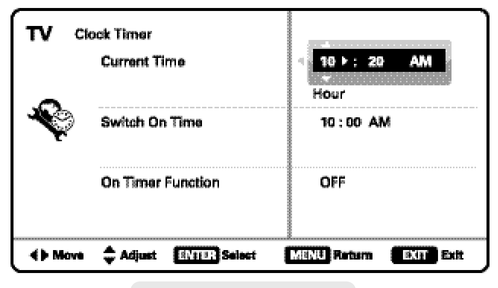


LIGHT SENSOR SCREEN

Clock Timer

This feature allows you to set a *Current Time* for your HDTV and enable a *Switch On Time* for the HDTV to turn on at a specific time of day.

When *On Timer Function* is set to *ON*, the TV will automatically turn on at the previously set *Switch on Time*.



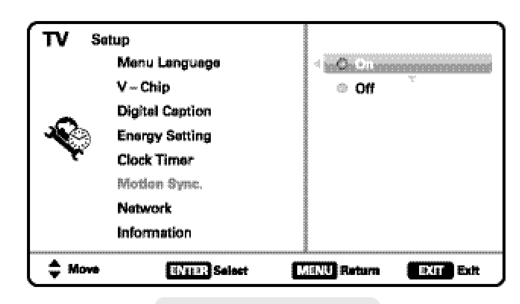
CLOCK TIMER SCREEN

Motion Sync



Your HDTV will display all signals at the refresh rate of 120Hz. Motion Sync is a special Frame Rate Converter feature that helps eliminate motion blur and film judder in scenes with fast action.

- **On** – Takes full advantage of your TV's refresh rate capabilities for the best picture quality.
- **Off** – Disables the Motion Sync feature.



MOTION SYNC SCREEN

SETUP

V – Chip (Parental Control)

Use this feature to automatically block programs with content you deem as inappropriate for viewing by your children.

NOTE: This feature is designed to comply with the United States of America's FCC V-Chip regulations. Therefore, it may not function with broadcasts that originate in other countries.

ADJUSTING THE V-CHIP RATINGS

Select *ON* and press **ENTER**. Select *Adjust (Standard)* and press **ENTER**.

NOTE: Blocking a rating will automatically block all higher ratings. Unblocking a rating automatically unblocks all lower ratings.

For V-Chip (Movie) ratings select *Movie* and press **ENTER**, and then select the desired MPAA rating limit. Press the **EXIT** key to close the V-Chip menu.

For V-Chip (TV) ratings select *TV* and press **ENTER**. Use the **CURSOR ▲ ▼** keys to select a rating and press **ENTER**. Use the **CURSOR ▲ ▼** keys to set the rating's status as *Blocked* or *Viewable.* Once ratings are set, press the **EXIT** key to close the V-Chip menu.

NOTE: Some TV ratings offer more detailed settings such as Dialogue, Language, Sexual, and Violence.

ADVANCED V-CHIP SYSTEM (RRT5)

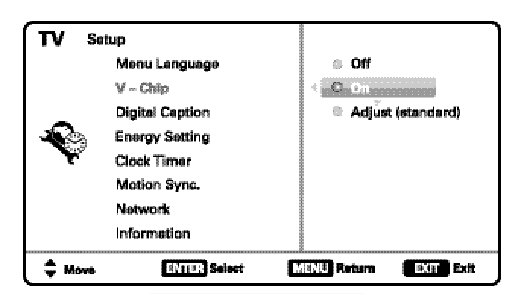
RRT5 (V-Chip Regional Ratings 5) is an advanced V-Chip ratings system for over the air digital channels. When the HDTV detects compatible RRT5 data, it's downloaded & stored in memory, and the Setup V-Chip screen is then modified to show the *Adjust (Advanced)* option.

Use the **CURSOR ▲ ▼** and **◀ ▶** keys to highlight the different options, and use the **ENTER** key to block or unblock the selected rating.

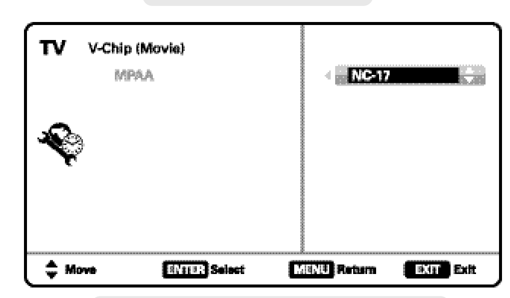
NOTE: When vertical scroll bars appear, press ***CURSOR ▲▼*** *to gain access to the additional ratings.*

MORE INFORMATION

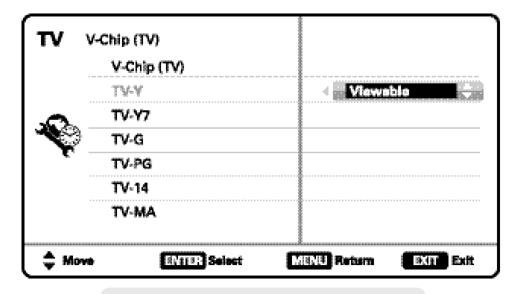
Additional information about MPAA (Motion Picture Association of America) and V-Chip rating can be found at: www.mpaa.org and www.v-chip.org, respectively.



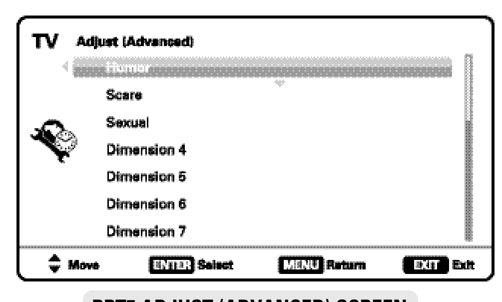
V-CHIP SETUP SCREEN



MOVIE RATING ADJUSTMENT SCREEN



TV RATING ADJUSTMENT SCREEN



RRT5 ADJUST (ADVANCED) SCREEN

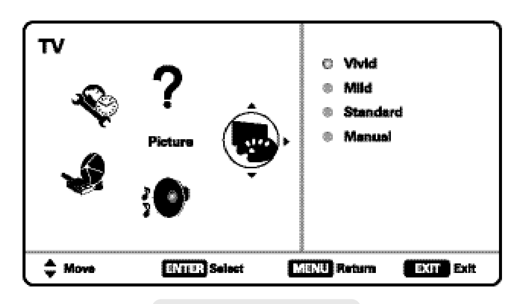
PICTURE



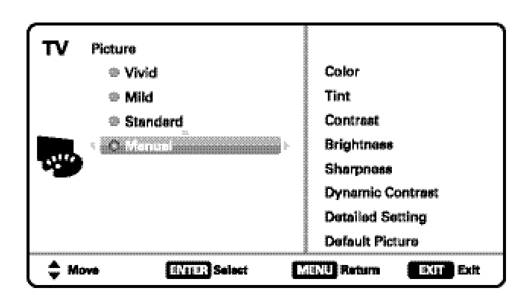
Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Picture.* Press **ENTER**.

You may choose between *Vivid, Mild,* and *Standard,* which have predetermined fixed picture parameter values, or choose the *Manual* option for customized personal settings.

NOTE: Each AV input can have its own picture mode (pre-determined or manual.) Current input's selected option is indicated by a blue marker.



MAIN MENU SCREEN



PICTURE SCREEN (MANUAL)

MANUAL PICTURE SETTINGS

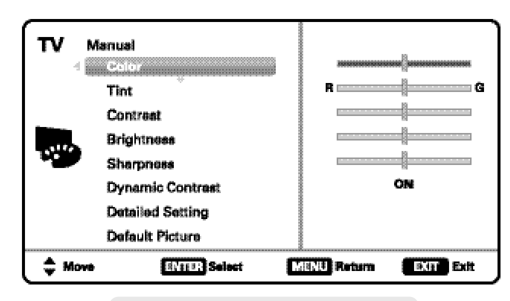
Manual parameters to adjust include:

- *Color*
- *Tint*
- *Contrast*
- *Brightness*
- *Sharpness*
- *Dynamic Contrast*

The *Detailed Setting* option allows for the adjustment of 7 additional parameters such as:

- *Signal Balancer*
- *Noise Reduction*
- *White Balance*
- *Vertical Sharpness*
- *Edge Enhancer*
- *H-Size*
- *V-Size*

NOTE: Default Picture option returns all picture parameters to their original factory settings.



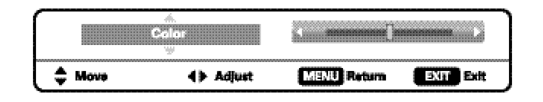
PARAMETER SELECTION SCREEN

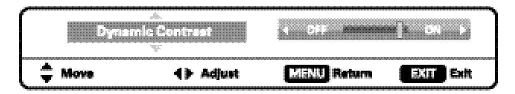
ADJUSTING A PICTURE SETTING

Use the **CURSOR ▲▼** keys to highlight the picture parameter you wish to adjust. Press the **ENTER** key to enter the value adjustment screen. Modify the selected parameter's value by pressing the **CURSOR ◀ ▶** keys.

NOTE: **CURSOR ▲▼** *keys select the next/previous parameter without returning to the previous menu screen.*

Once adjustments are complete, press the **EXIT** key to return to normal TV viewing.





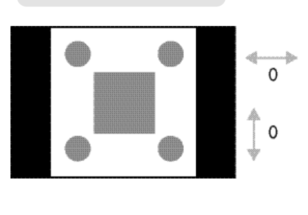
VALUE ADJUSTMENT SCREEN EXAMPLES

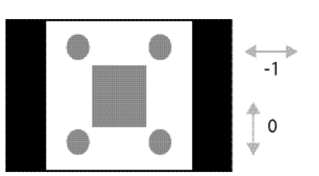
PIX SHAPE

4:3 TRANSMISSION | **16:9 TRANSMISSION**

Pix1
Shows a standard definition 4:3 image in its original format, a 16:9 wide image is slightly compressed horizontally.

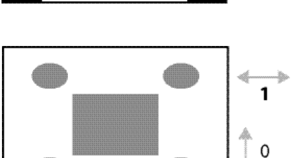
NOTE: Vertical bars are "attached" to the sides of the screen.

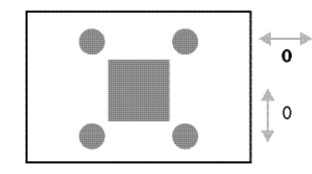




Pix2
Fills the entire image on the screen.

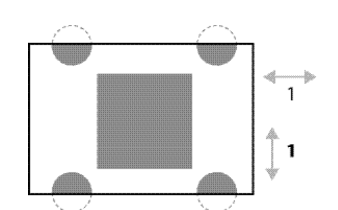
NOTE: A standard definition 4:3 image is stretched horizontally.

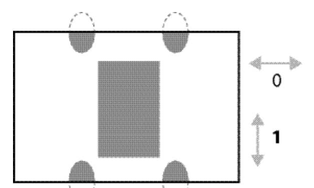




Pix3
Image is stretched vertically in comparisson with Pix2.

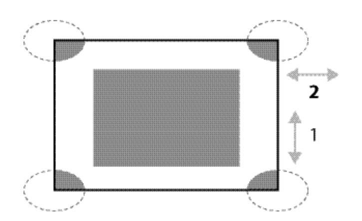
NOTE: Shows a proportional Zoom for a 4:3 image.

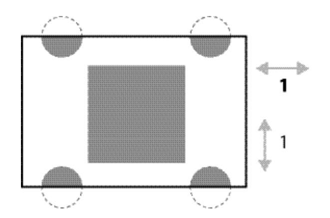




Pix4
Image is stretched horizontally in comparisson with Pix3.

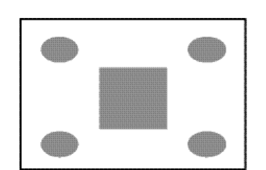
NOTE: Shows a proportional Zoom for a 16:9 image.

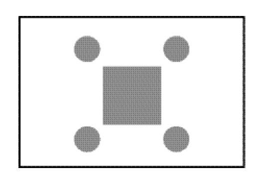




Pix5
Similar to Pix2, image is enlarged horizontally in a linear proportion in which center portion of screen is stretched less than the sides.

NOTE: Pix5 has almost no stretching effect on a 16:9 image.





NOTE: There are other possible aspect ratios that may be transmitted besides the most common 4:3 and 16:9.

Pix6 Similar to Pix1 with no Overscan*.

Pix7 Similar to Pix2 with no Overscan*.

* Overscan permits the image to slightly exceed bottom and top edge limitations.

NOTE: Pix6 and Pix7 are not optimal for Standard Definition content (a thin white line may appear near edge of screen). Pix6 and Pix7 use is recommended only for PC signal through HDMI.

Pix-Auto **(AFD) Active Format Description**. Data carried in the video stream includes coded picture frame information of the actual image, allowing the TV to adjust the Pix-Shape automatically.

NOTE: This Pix-Shape mode is available only for Digital-RF input.

SOUND

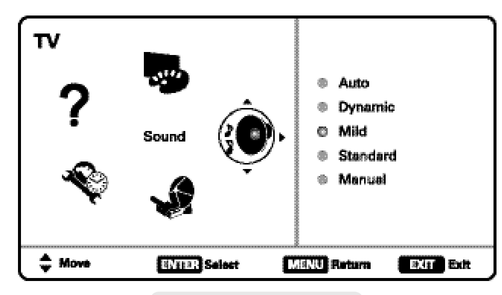
MENU

Display the On Screen menu and use the **CURSOR ▲▼** keys to select *Sound.* Press **ENTER**.

Choose an option for your sound settings:

Auto – Sound settings are linked to the current Picture option and parameters are adjusted accordingly.

Dynamic, Mild, Standard – 3 different predetermined sound parameters not linked with any Picture option.



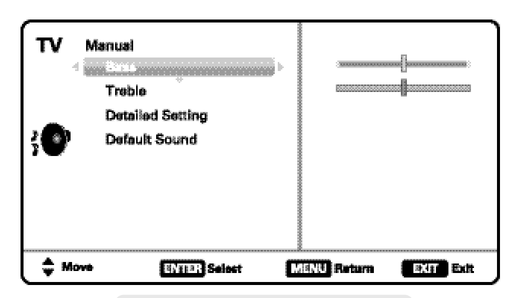
MAIN MENU SCREEN

MANUAL SOUND SETTINGS

The *Manual* option provides different parameters that can be personally adjusted:

- *Bass*
- *Treble*
- *Detailed Setting*
  - *4-Band Equalizer*: Personalize audio highs and lows.

NOTE: Default Sound option returns all sound parameters to their original factory settings.



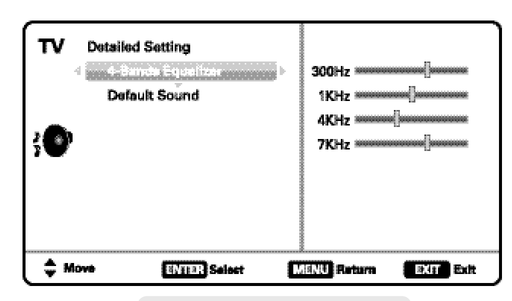
MANUAL PARAMETER SCREEN

ADJUSTING A SOUND SETTING

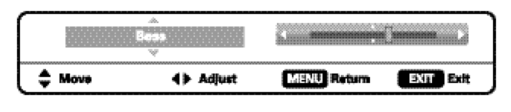
Use the **CURSOR ▲▼** keys to highlight the sound parameter you wish to adjust. Press the **ENTER** key to enter the value adjustment screen. Modify the selected parameter's value by pressing the **CURSOR ◀ ▶** keys.

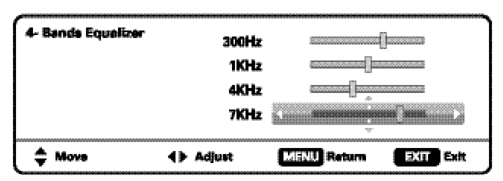
NOTE: **CURSOR ▲▼** *keys select the next/previous parameter without returning to the previous menu screen.*

Once adjustments are complete, press the **EXIT** key to return to normal TV viewing.



DETAILED SETTING SCREEN





VALUE ADJUSTMENT SCREEN EXAMPLES

PC INPUT

Use your HDTV as a computer monitor by hooking up your PC or Laptop to the TV with the use of an appropriate monitor cable (not included.)



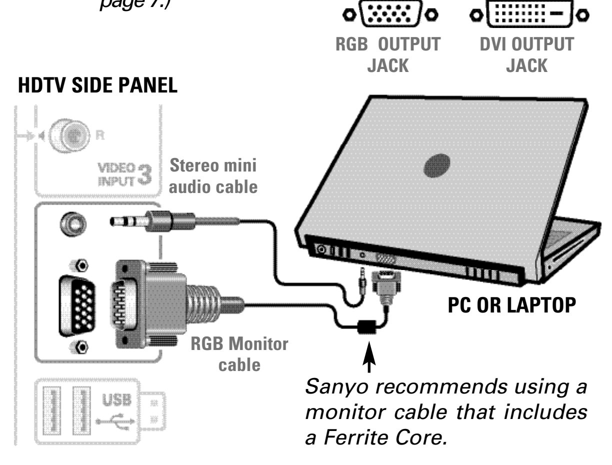
Before connecting any cables, disconnect the AC power cords of both the HDTV and PC from the AC outlets.



Power on the HDTV and any other peripheral equipment before powering on the computer.

To avoid an "Out of Range" condition please set your PC's output resolution to one compatible with your HDTV. See PC Resolution chart on page 3.

NOTE: If computer has only DVI Output, a DVI to RGB adapter will be required, or, a DVI to HDMI cable and RCA audio cables (see HDMI (DVI) INPUT1 on page 7.)



Sanyo recommends using a monitor cable that includes a Ferrite Core.

Laptop Display

When using your Sanyo HDTV to display a Laptop's screen display, holding down the Fn (or FN) key while pressing the appropriate function key (F5, F7, F8, etc) should cycle through different display modes between the laptop and the HDTV.

Modes may include displaying only on the laptop screen, on both the laptop and the HDTV, or displaying only on the HDTV.

Hold down [fn] and press [▯▭▯]

NOTE: Fn key and function key symbols on the laptop's keyboard may vary from one brand to another.

PC Setting

Auto Adjustment – Automatically adjusts display position, dot clock and phase.

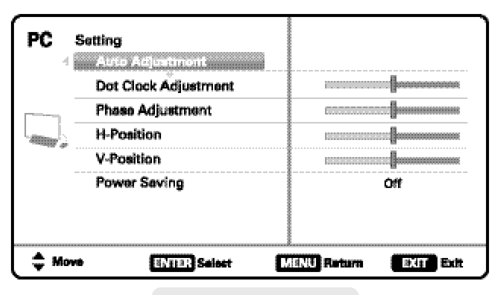
Dot Clock – Adjust the Dot frequency to match your computer's Dot frequency.

Phase – Adjust this parameter when the picture appears to flicker or is blurred.

H-Position – Move the image horizontally

V-Position – Move the image vertically

Power Saving – Enable the HDTV to turn to Standby Mode when computer is not in use.

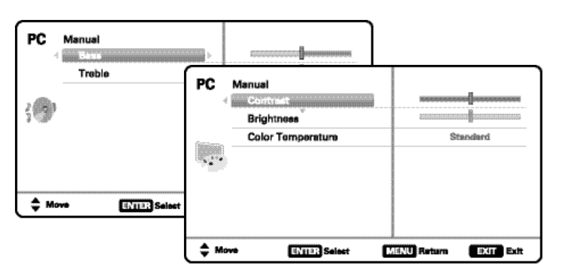


PC SETTING SCREEN

PC Picture and Sound

Standard – Sets predetermined values to the Picture or Sound parameters.

Manual – Adjust *Contrast, Brightness,* and *Color Temperature* screen settings, and the *Bass* and *Treble* audio settings.



PC PICTURE AND SOUND SCREENS

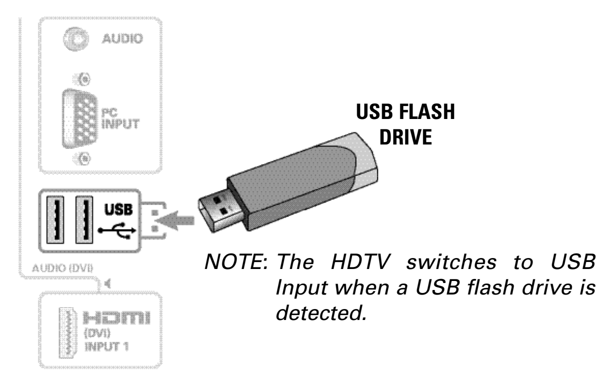
NOTE: These settings do not affect normal TV viewing.

PHOTO VIEWER

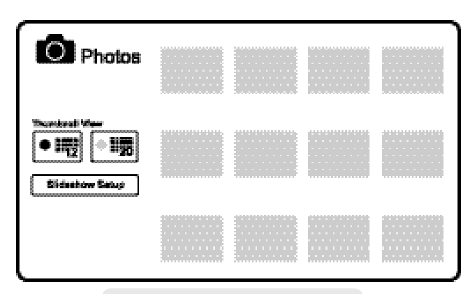
View pictures on your HDTV with the use of a USB mass storage device (not included.)

Any of the two USB inputs on your HDTV may be used.

NOTE: When two mass storage devices are hooked up, only the first one is recognized and available as an input.



NOTE: The HDTV switches to USB Input when a USB flash drive is detected.



THUMBNAIL VIEW SCREEN

NOTE: A thumbnail hide icon will appear if a picture cannot be decoded or if no thumbnail data is available.

USING THE PHOTO VIEWER

Press **ENTER** on a thumbnail photo to enable the following menu options:

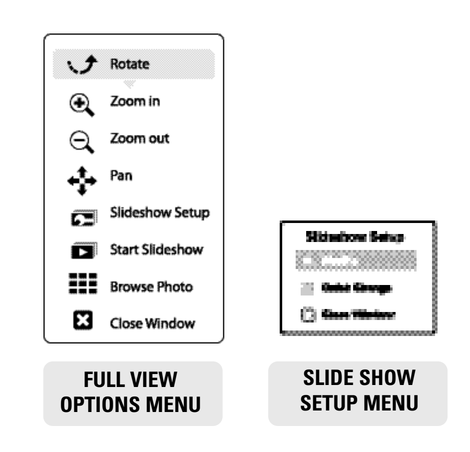
Rotate: Turns the picture 90°.

Full View: Displays the picture fully on the screen.

NOTE: Use the **CURSOR** ◀ ▶ *keys to change the picture.*

Once in Full View, press **ENTER** to access the Full View options menu, from where you may choose to *Zoom In* and *Pan* the displayed picture, *Start Slideshow* or return to the Thumbnail View screen.

Start Slideshow: Displays one picture after another automatically in a timed and sequential manner. Shuffle and Quick Change options may be turned *ON* or *OFF* from the Slide Show setup menu.



FULL VIEW OPTIONS MENU

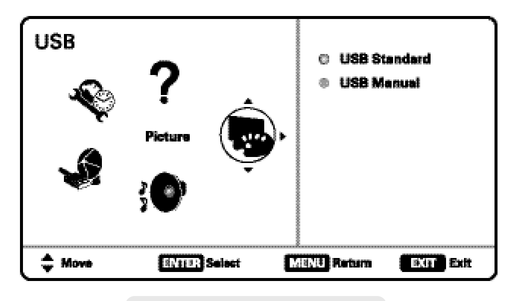
SLIDE SHOW SETUP MENU

JPEG VIEWER USB MENU

Press **MENU** when in Full View or Slideshow mode to display the USB On screen menu.

Picture Setting – Adjust *Color, Tint, Contrast, Brightness, Sharpness* and *Dynamic Contrast.*

NOTE: Picture Settings are separate configurations from the settings in TV and AV inputs.



USB MAIN MENU SCREEN

ONE-YEAR LIMITED PARTS AND LABOR WARRANTY

THIS LIMITED PARTS AND LABOR WARRANTY IS VALID ONLY ON SANYO TELEVISIONS PURCHASED AND USED IN THE UNITED STATES OF AMERICA, CANADA, AND PUERTO RICO, EXCLUDING ALL OTHER U.S. TERRITORIES AND PROTECTORATES. THIS LIMITED WARRANTY APPLIES ONLY TO THE ORIGINAL RETAIL PURCHASER, AND DOES NOT APPLY TO PRODUCTS USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES.

WARRANTY APPLICATION

FOR ONE YEAR from the date of original retail purchase Sanyo Manufacturing Corporation (SMC) warrants this TV to be free from manufacturing defects in materials and workmanship under normal use and conditions for parts and labor.

For the **FIRST 90 DAYS** from the date of original retail purchase, Sanyo Manufacturing Corporation will replace any defective TV via exchange at the retailer. **To ensure proper warranty application, keep the original-dated-sales receipt for evidence of purchase. Return the defective TV to the retailer along with the receipt and the included accessories, such as the remote control. The defective TV will be exchanged for the same model, or a replacement model of equal value, if necessary. Replacement model will be contingent on availability and at the sole discretion of Sanyo Manufacturing Corporation.**

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OBLIGATIONS

For one year from the date of purchase, Sanyo Manufacturing Corporation warrants this product to be free from defects in material and workmanship under normal use and conditions. During the first 90 days under this warranty for any manufacturing defect or malfunction Sanyo Manufacturing Corporation will provide a new TV via exchange at the retailer.

HOW TO MAKE A CLAIM UNDER THIS WARRANTY

Please call 1-877-864-9604. Please be prepared to give us the television’s model number and serial number when you call. The model number and serial number are **printed on a label attached to** the back of the unit.

For customer assistance, call toll free 1-877-864-9604.
Hours of operation: Monday – Friday 7:30 AM - 7:00 PM CST

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights which vary from state to state.

(EFFECTIVE: March 1, 2007)

Your Sanyo HDTV is registered at the time of purchase, please keep sales receipt for future reference.

For your protection in the event of theft or loss of this product, please fill in the information requested below and KEEP IN A SAFE PLACE FOR YOUR OWN PERSONAL RECORDS.

Model No.____________________________ Date of Purchase ________________________

Serial No.____________________________ Purchase Price __________________________

(Located on back of unit) Where Purchased________________________



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

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Contact Information: GPL_Inquiries@SanyoTV.com

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<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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PRECAUCIÓN: PARA REDUCIR EL RIESGO DE CHOQUE ELÉCTRICO, NO QUITE LA CUBIERTA (O LA TAPA TRASERA). NO HAY PARTES ADENTRO QUE LAS PUEDA REPARAR EL USUARIO. REFIÉRASE A PERSONAL CALIFICADO PARA REPARAR EL APARATO.	ESTE SÍMBOLO INDICA QUE HAY INSTRUCCIONES IMPORTANTES DE OPERACIÓN Y MANTENIMIENTO EN LA LITERATURA QUE SE ANEXA A ESTA UNIDAD. 

ADVERTENCIA: PARA REDUCIR EL RIESGO DE FUEGO O CHOQUE ELÉCTRICO, NO EXPONGA ESTE APARATO A LLUVIA O HUMEDAD.

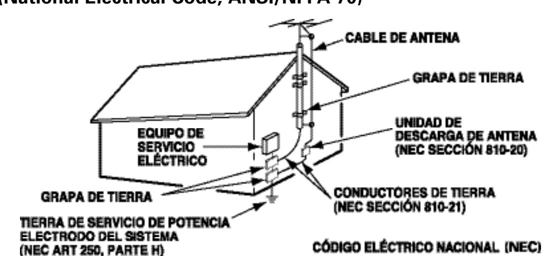
IMPORTANTES MEDIDAS DE SEGURIDAD

1. Lea estas instrucciones.
2. Guarde estas instrucciones.
3. Preste atención a los avisos.
4. Siga todas las instrucciones.
5. No use este aparato cerca del agua.
6. Limpie sólo con un trapo seco.
7. No obstruya las aperturas para ventilación. Instale de acuerdo a las instrucciones del fabricante.
8. No se instale cerca de ninguna fuente de calor como radiadores, registros de calor, estufas, u otros aparatos (incluyendo amplificadores) que produzcan calor.
9. Por seguridad, no elimine la conexión de tierra de la clavija. Una clavija polarizada tiene una hoja más ancha que la otra. Una clavija de tipo conexión a tierra, tiene dos hojas y un tercer conector mas prolongado. La hoja ancha o el conector prolongado están provistas para su seguridad. Si la clavija proveída no asienta correctamente en el contacto eléctrico, consulte a un electricista para que esa toma de ac obsoleta sea remplazada.
10. Proteja el cordón de potencia de que sea pisado o perforado, particularmente en las hojas y del punto donde éste sale del aparato.
11. Sólo use anexos o accesorios especificados por el fabricante.
12. Use únicamente con el carro, estante, tripie, soporte o mesa especificada por el fabricante, o vendida con el aparato. Cuando se use un carro, tenga precaución cuando mueva la combinación de carro/aparato para evitar lesiones en caso de que se caiga.



13. Desconecte este aparato en caso de tormenta eléctrica o cuando no se use por un periodo de tiempo prolongado.
14. Refiera todas las reparaciones a personal de servicio calificado. Se requiere de servicio cuando el aparato se ha dañado de cualquier forma, como si el cordón de potencia se dañara de alguna forma, se ha derramado líquido sobre el aparato o algún objeto le ha caído encima, el aparato se ha expuesto a la lluvia o humedad, que no opere normalmente o que se haya caído.
15. Si una antena externa se ha conectado al televisor, asegúrese que el sistema de tierra de la antena esté de forma que provea alguna protección contra fugas de voltaje o cargas electrostáticas. En la sección 810-21 del código eléctrico nacional de los Estados Unidos se menciona información con respecto a la manera adecuada de instalar el sistema de tierra al mástil principal, aterrizaje del cableado para la unidad de descarga de la antena, tamaño de los conductores de tierra, localización de la unidad de descarga de la antena, conexión a los electrodos de tierra, y requerimientos de los electrodos de tierra.
16. Un sistema de antena externo no debe instalarse cerca de líneas de electricidad o circuitos de potencia o alumbrado, o donde puedan caer sobre líneas de energía eléctrica o circuitos cuyo contacto con ellos puede ser fatal.

EJEMPLO DE ATERRIZAMIENTO DE ANTENA DE ACUERDO AL CÓDIGO ELÉCTRICO NACIONAL
(National Electrical Code, ANSI/NFPA 70)



"Nota al instalador del sistema de cable CATV :
Este recordatorio es dado para llamar la atención del instalador del sistema de cable CATV al Artículo 820-40 del NEC que provee guías para el aterrizamiento adecuado y, en particular, especifica que el cable de tierra deberá de estar conectado al sistema de tierra del edificio, tan cercano al punto de entrada del cable como sea práctico."

17. Montaje en pared o techo—Este producto deberá de ser montado en la pared o techo siguiendo las recomendaciones del fabricante.
18. Este aparato no deberá de ser expuesto a ser mojado, y no se deberán de colocar recipientes con líquido encima de él.
19. Si el conector del cable de AC se usa como artículo de desconexión principal, entonces éste deberá de permanecer accesible todo el tiempo.

INFORMACIÓN FCC

Este equipo ha sido probado y se encontró en acuerdo a los límites para un aparato digital Clase B, en acorde a la Parte 15 de las Reglas FCC. Estos límites están diseñados para proveer una protección razonable contra interferencia nociva en una instalación residencial. Este equipo genera, usa y puede irradiar energía de radio frecuencia y si no es instalado o usado de acuerdo a las instrucciones, puede llegar a causar interferencia nociva a radio comunicaciones. Sin embargo, no es completamente seguro que no ocurrirá interferencia alguna en una instalación en particular. Si este equipo llega a causar interferencia nociva a la recepción de radio o televisión, la cual puede ser determinada por medio de apagar y encender el equipo, se recomienda al usuario intentar corregir la interferencia mediante una o varias de las siguientes medidas:

- Reorientar o mover la antena de recepción.
- Aumentar la separación entre el equipo y el receptor.
- Conectar el equipo a un enchufe en un circuito diferente al cual esté conectado el receptor.
- Consultar al vendedor o a un técnico de radio y televisión con experiencia para más ayuda.

PRECAUCIÓN: Regulaciones de la FCC advierten que modificaciones inadecuadas o cambios no autorizados a esta unidad pueden anular la autorización del usuario para operar la unidad.

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RESOLUCIONES DE PC

RESOLUCIÓN	RELACIÓN DE ASPECTO	FRECUENCIA DE BARRIDO	FRECUENCIA HORIZONTAL	FRECUENCIA VERTICAL
640 x 480	4 : 3	60 Hz 72 Hz 75 Hz 85 Hz	31.47 kHz 37.86 kHz 37.50 kHz 43.27 kHz	59.94 Hz 72.81 Hz 75.00 Hz 85.01 Hz
720 x 400	16 : 10	70 Hz	31.47 kHz	70.00 Hz
800 x 600	4 : 3	56 Hz 60 Hz 72 Hz 75 Hz 85 Hz	35.16 kHz 37.88 kHz 48.08 kHz 46.88 kHz 53.67 kHz	56.25 Hz 60.32 Hz 72.19 Hz 75.00 Hz 85.06 Hz
1024 x 768	4 : 3	60 Hz 70 Hz 75 Hz 85 Hz	48.36 kHz 56.48 kHz 60.02 kHz 68.68 kHz	60.00 Hz 70.07 Hz 75.02 Hz 85.00 Hz
1152 x 864	4 : 3	75 Hz	67.50 kHz	75.00 Hz
1280 x 768	5 : 3	60 Hz 60 Hz 75 Hz 85 Hz	47.40 kHz 47.78 kHz 60.29 kHz 68.63 kHz	60.00 Hz 59.87 Hz 74.89 Hz 84.84 Hz
1280 x 960	4 : 3	60 Hz 85 Hz	60.00 kHz 85.94 kHz	60.00 Hz 85.00 Hz
1280 x 1024	5 : 4	60 Hz 75 Hz 85 Hz	63.98 kHz 79.98 kHz 91.15 kHz	60.02 Hz 75.02 Hz 85.02 Hz
1360 x 768	16 : 9	60 Hz	47.71 kHz	60.00 Hz
1440 x 900	16 : 10	60 Hz 60 Hz	55.93 kHz 55.47 kHz	59.89 Hz 59.90 Hz
1920 x 1080	16 : 9	60 Hz	67.50 kHz	60.00 Hz

CONTENIDO



CONTIENE LÁMPARAS DE MERCURIO, DESECHAR DE MANERA APROPIADA



ESPECIFICACIONES

Requerimiento de Potencia: AC 120V, 60Hz

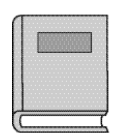
Consumo de Potencia: 221 watts

Peso: 20,5 kg. (con base)

Dimensiones:

MODELO	ANCHO	ALTO	PROFUNDO
DP47460	113	74,6	32,4
sin base		69,1	11,7

NOTA: Las dimensiones están en centímetros.



Favor de leer antes de operar su HDTV!

PROTEGER LA PANTALLA

PRECAUCIÓN: La pantalla podría dañarse si no se le da un mantenimiento adecuado.

- NO use objetos duros como trapos gruesos o papel para limpiar la pantalla.
- NO utilice presión excesiva cuando se limpie la pantalla; esto podría causar decoloración permanente o puntos negros en la misma.
- **NUNCA** aplique líquidos en aerosol a la pantalla.

PRECAUCIONES DE MANEJO

- Manéjese sólo por el gabinete.
- Nunca toque la pantalla cuando esté manejando la HDTV.
- Daño por manejo no está cubierto por la garantía.

"La Academia Americana de Pediatras no recomienda permitir a niños menores de 2 años ver televisión"

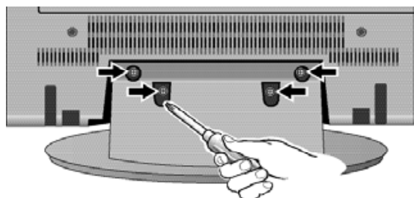
COLOCANDO LA HDTV

- Siempre utilice una superficie firme y plana al colocar su HDTV.
- No se coloque la HDTV en áreas confinadas.
- Mantenga suficiente espacio para una buena ventilación.
- No coloque la HDTV donde sea fácilmente accessible a niños pequeños y pueda presentar un riesgo de accidente.

QUITAR LA BASE

1 Coloque la HDTV con la pantalla hacia abajo sobre una superficie plana y acolchonada para proteger la pantalla y el acabado de la HDTV.

2 Quite los cuatro (4) tornillos del pedestal de soporte. **PRECAUCIÓN:** Sujete firmemente la base al quitar el último tornillo.



PONER LA BASE

1 Coloque la HDTV con la pantalla hacia abajo sobre una superficie plana y acolchonada para proteger la pantalla y el acabado de la HDTV.

2 Inserte con cuidado la base a la parte inferior de la HDTV, y asegúrela colocando los 4 tornillos como se muestra en la figura de arriba.

NOTE: Si su HDTV venía empacada con la base sin ensamblar, estos tornillos los encontrará junto con el paquete de literatura.

MONTAJE EN PARED

Una persona con experiencia debe realizar el montaje en pared.

Para asegurar la HDTV a un kit de montaje en pared, utilice los tornillos que usaría para ensamblar la base. (Kit no incluído)

Interfase estándar VESA: 400 x 400

Medida de los tornillos:

Diámetro M6, Longitud – 12mm (máximo)

PARA COMENZAR

1 INSTALACIÓN DE BATERÍAS

Instale las baterías al control remoto.
(2 “AAA”, no incluídas)



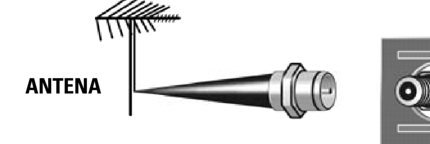
Para una operación segura, favor de observar las siguientes precauciones:

- Reemplace ambas baterías al mismo tiempo. No utilice una batería nueva con una usada.
- Existe riesgo de explosión si las baterías son remplazadas con unas de tipo incorrecto.
- No exponga el Control Remoto a calor o humedad.
- Asegúrese que las marcas **“+”** y **“–”** de las baterías correspondan con las del control remoto.

2 CONEXIÓN DE ANTENA PARA SEÑALES DE AIRE O CABLE

Conecte su antena o servicio de cable a la entrada ANT de su HDTV utilizando un cable coaxial (75 OHM).

NOTA: Mantenga su antena para interiores al menos a un (1) metro de distancia tanto de su HDTV como de cualquier otro aparato electrónico.



ENTRADA DE ANTENA ANÁLOGA / DIGITAL





Esta HDTV puede sintonizar:

- Señales aéreas digitales y análogas de una antena.
- Canales de Cable análogos o sin codificar de una conexión directa de TV por Cable.

OPERACIÓN DEL CONTROL REMOTO

- **Tecla POWER—**Prende o apaga su HDTV.
- **Tecla ECO—**Modifica el nivel del Ahorrador de Energía (ver página 37)
- **Tecla AUDIO—**Selecciona el tipo de audio, Estéreo, Mono, o SAP (de estar disponible).
- **Tecla ON TIMER—**Despliega la hora de encendido automático (ver *Reloj Temporizador* en la página 38).
- **Tecla CAPTION—**Elegir entre los diferentes modos de subtítulos digitales.
- **Tecla RESET—**Presione dos veces seguidas para restaurar la TV a configuraciones de fábrica. Se borrarán las modificaciones del usuario.
- **Tecla SLEEP—**Despelgar el reloj de apagado. Mientras el reloj se encuentre en pantalla, presione la tecla “0” para establecer el tiempo (en incrementos de 30 minutos) al cual se apagará automáticamente la HDTV.
- **Tecla PICTURE—**Selecciona uno de los diferentes modos de imagen.
- **Tecla SOUND—**Selecciona uno de los diferentes modos de Sonido.
- **Teclas NUMÉRICAS—**Elegir canales directamente.

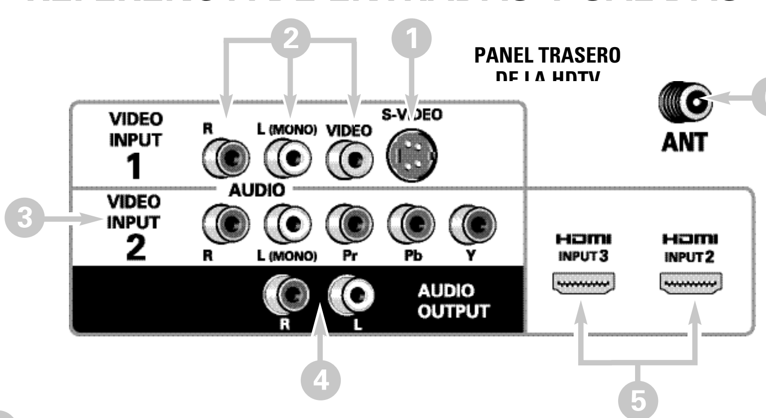
  NOTA: Para canales mayores al 99, mantenga presionado el primer número, suéltelo y presione los dos números restantes.

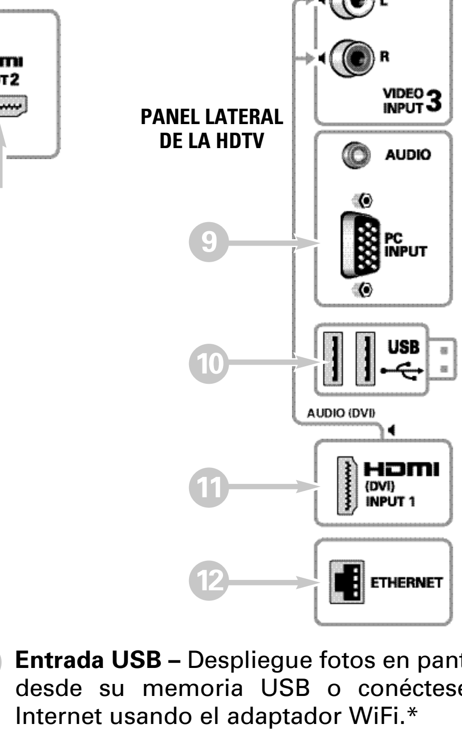
- **Tecla “–” (sub ch)—**Permite la selección directa de canales y subcanales digitales. Por ejemplo: para sintonizar el canal 39.1, presione la tecla **3**, **9**, **–**, y **1** en orden sucesivo.
- **Tecla INPUT—**Elegir la entrada de video deseada Mantenga presionada la tecla para mostrar el menú de entradas.
- **Tecla de volumen VOL+ – —**Aumentar o disminuir el nivel del volumen.
- **Teclas de canal CH ▲ ▼ —**Navegar los canales en la base de datos de la memoria.
- **Tecla MUTE—**Cancelar o restaurar el audio.
- **Tecla NET@—**Abrir la pantalla de aplicaciones Sanyo Net Apps.
- **Tecla PIX SHAPE—**Elegir entre las relaciones de aspecto disponibles. Las diferentes configuraciones estiran, agrandan o llenan la imagen en la pantalla. Pueden aparecer en pantalla barras en la parte superior e inferior, o lado izquierdo y derecho, dependiendo en la señal o programa transmitido (ver pág 41).
- **Tecla USB—**Selecciona directamente la entrada de USB.
- **Tecla RECALL—**Cambiar entre el canal actual y el último accesado.
- **Tecla MENU—**Mostrar el menú en pantalla.
- **Tecla HELP—**Despliega en pantalla el menú de ayuda.
- **Tecla INFO—**Desplegar el banner de información de canal.
- **Tecla EXIT—**Salir del menú en pantalla.
- **Teclas Cursor ▲ (arriba) ▼ (abajo)—**Mover el cursor en pantalla hacia arriba y abajo.
- **Teclas Cursor ◀ (izq.) ▶ (der.)—**Mover el cursor en pantalla hacia la izquierda y derecha.
- **Tecla ENTER—**Ejecutar la opción seleccionada en pantalla.

Las **teclas PLAY, PAUSE, STOP, REW, FF, W, T, CAMERA,** y **XACTI MENU** controlan funciones de reproducción en una cámara digital Xacti de Sanyo al estar activada la función de HDMI-CEC tanto en la cámara como la HDTV (ver Enlace HDMI en la página 36).

NOTA: Estas teclas de reproducción pueden reaccionar o no con otros aparatos aparte de la cámara Xacti.

REFERENCIA DE ENTRADAS Y SALIDAS





1 **Entrada S-Video (VIDEO1)**

NOTA: La conexión de S-Video deshabilitará la conexión en la entrada de VIDEO1 (amarillo)

2 **Entrada de Video Compuesto (VIDEO1)**
Entrada amarilla (video) y entradas roja y blanca (audio).

3 **Entrada de video Componente (VIDEO2)** Entradas verde (Y), azul (Pb) y roja (Pr) de video; además de las entradas de audio roja y blanca.

4 **Salida de Audio Análogo (L/R)**

5 **Entradas HDMI (INPUT2 y INPUT3)**
Interfase completamente digital que acepta señales de video sin compresión hasta de 1080p para obtener la mejor calidad de imagen posible.

6 **Entrada de antena análoga / digital –** Conecte un cable de 75 OHM de una antena o del servicio de TV por Cable directo.

7 **Salida de Audio Digital (Coaxial)**

8 **Entrada de video Componente VIDEO3 –** Entradas verde (Y), azul (Pb) y roja (Pr) de video; además de las entradas de audio roja y blanca.

NOTA: Una conexión Compuesta es posible por medio de VIDEO INPUT3 usando la entrada Y (VIDEO) y las de Audio L/R, ver Configuración de Video 3 (pág. 36).

9 **Entrada para PC y estéreo audio (mini)**

- MONITOR RGB (D-SUB)
- AUDIO R/L (conector estéreo mini)

NOTA: Para conexiones y configuración de PC ver pág. 43.

10 **Entrada USB –** Despliegue fotos en pantalla desde su memoria USB o conéctese al Internet usando el adaptador WiFi.*

11 **Entrada HDMI INPUT1 (DVI) –** Interfase completamente digital que acepta señales de video sin compresión de 1080p para obtener la mejor calidad de imagen posible.

NOTA: Una conexión DVI es posible por medio de la entrada HDMI INPUT1 (DVI) utilizando un adaptador apropiado y conectando el audio a las entradas de audio de VIDEO3.

12 **Puerto ETHERNET**
Conecte su HDTV al Internet utilizando un cable apropiado de ethernet y una conexión a internet correctamente configurada.*

** NOTA: Para más información refiérase a la Guía para HDTV lista para Internet.*

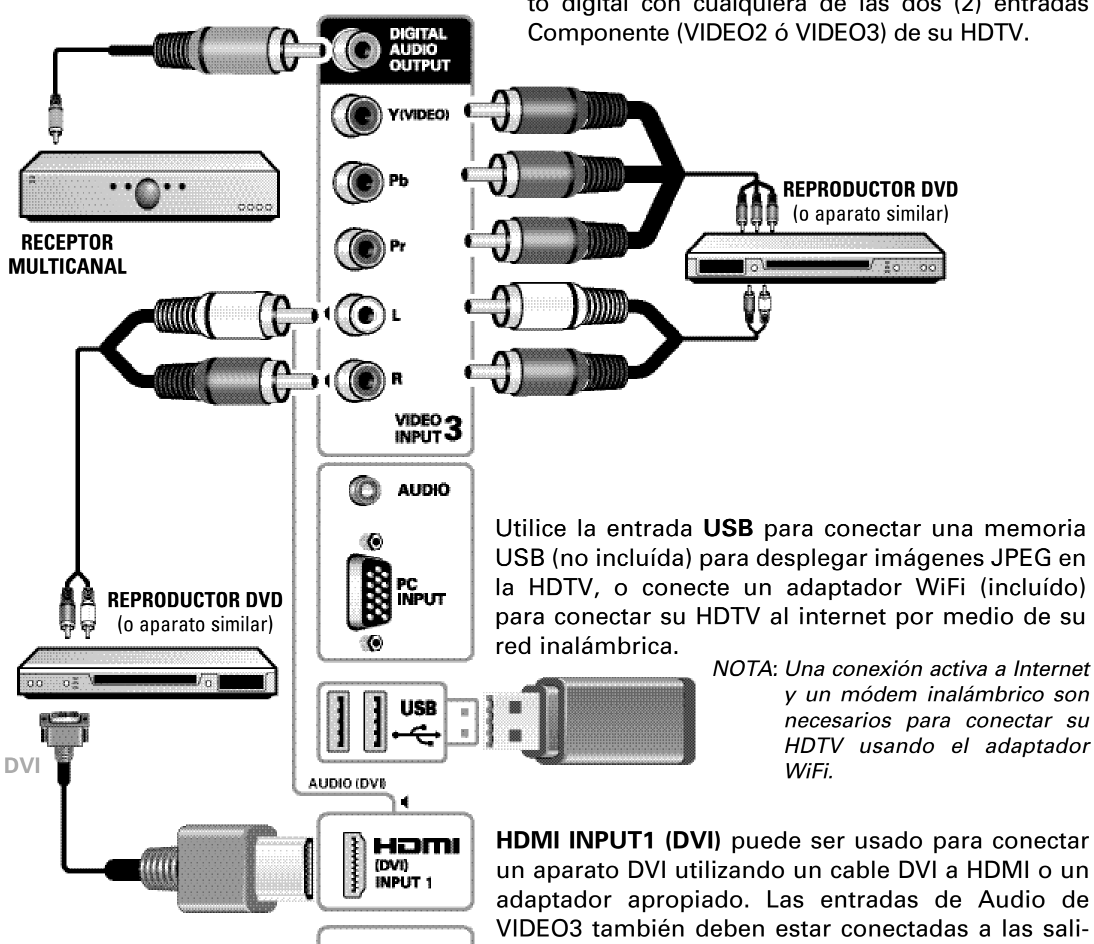
3 CONEXIONES DE AUDIO Y VIDEO (PANEL LATERAL)

Use la **salida de Audio Digital** para transmitir la salida de Audio de la TV a un sistema externo.

Conecte la salida Digital Audio Output de la HDTV a su sistema de cine en casa utilizando un cable tipo “phono” de Audio Digital.

La conexión **COMPUESTA** es utilizada para conectar equipo análogo tal como una video-casetera o un reproductor DVD que no cuente con salidas de Componente.

Haga coincidir las salidas Componente de su aparato digital con cualquiera de las dos (2) entradas Componente (VIDEO2 ó VIDEO3) de su HDTV.



Utilice la entrada **USB** para conectar una memoria USB (no incluída) para desplegar imágenes JPEG en la HDTV, o conecte un adaptador WiFi (incluído) para conectar su HDTV al internet por medio de su red inalámbrica.

NOTA: Una conexión activa a Internet y un módem inalámbrico son necesarios para conectar su HDTV usando el adaptador WiFi.

HDMI INPUT1 (DVI) puede ser usado para conectar un aparato DVI utilizando un cable DVI a HDMI o un adaptador apropiado. Las entradas de Audio de VIDEO3 también deben estar conectadas a las salidas de audio correspondientes del aparato DVI.

NOTA: La entrada HDMI INPUT1 también puede ser usada para conectar cualquier aparato con salida HDMI, sin la necesidad de usar las entradas de Audio.

NOTA: Cables de Audio y Video no vienen incluídos.

3 CONEXIONES DE AUDIO Y VIDEO (PANEL TRASERO)

La conexión **COMPUESTA** es utilizada para conectar equipo análogo tal como una video-casetera o un reproductor DVD que no cuente con salidas de Componente.

Conecte la salida amarilla de video y las de audio correspondientes de su aparato análogo a la entrada VIDEO INPUT 1 de su HDTV.

NOTA: Haga coincidir los colores de las salidas de su aparato con los cables y las entradas de la HDTV.

S-Video puede ser utilizada en lugar del conector amarillo de video usando un cable de S-Video conectado de la salida S-Video de su aparato a la entrada S-Video de la HDTV.

VIDEOCASETERA
(o aparato análogo)

VIDEO INPUT 1
R
L (MONO)
VIDEO
S-VIDEO
AUDIO
VIDEO INPUT 2
R
L (MONO)
Pr
Pb
Y
AUDIO OUTPUT
R
L
ANT
HDMI INPUT 3
HDMI INPUT 2

NOTA: Cables de Audio y Video no vienen incluídos.

AMPLIFICADOR ESTÉREO

HDMI

RECEPTOR SATELITAR
(o aparato similar)

La **Salida de Audio Análogo (L/R)** se utiliza para conectar un amplificador estéreo externo. Conecte las entradas de su estéreo a las salidas AUDIO OUTPUT de la HDTV con un par de cables de audio rojo y blanco.

NOTA: No conecte bocinas externas directamente a la HDTV.

HDMI INPUT1, 2 & 3 se utilizan para conectar aparatos digitales HD como: reproductor Blu-ray, decodificador de Cable HD, receptor satelital HD o consola de video juegos.

Conecte la salida HDMI de su aparato digital a cualqueira de las tres (3) entradas HDMI de su HDTV utilizando un cable HDMI.

 BÚSQUEDA DE CANALES INICIAL

⚠ Antes de continuar, asegúrese de conectar correctamente su antena o conexión de TV por cable y todos los dispositivos a su HDTV.



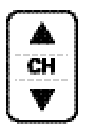
CONECTE EL CABLE DE CORRIENTE
120V AC, 60Hz



ENCIENDA LA TV
Siga las instrucciones en pantalla para elegir el Modo de Ahorro de Energía y realizar la Búsqueda Inicial de Canales/Señales.

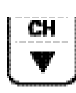
ELEGIR DÓNDE SE USARÁ LA HDTV
Seleccione "Home Mode" al presionar la tecla **CH▼** para establecer el nivel de brillo de las lámparas a un nivel de Energy Star, o seleccione "Store Mode" al presionar **CH▲** para establecer el brillo de las lámparas a uno adecuado para mostrador de exhibición.

BÚSQUEDA DE CANALES Y SEÑALES:



Presione la tecla **CH▲▼** para realizar una búsqueda de canales de una Antena o una conexión directa de Cable, y una búsqueda de señales de dispositivos conectados a las entradas de la HDTV.

AYUDA EN PANTALLA (OPCIONAL)



Presione la tecla **CH▼** si desea accesar una guía de ayuda en pantalla.

NOTA: Este menú de ayuda en pantalla también es accesible desde el menú principal.

PANTALLA DE LISTADO DE CANALES Y SEÑALES
La última pantalla de configuración despliega cuantos canales análogos y digitales se hayaron, así como entradas de video detectadas. Presionar la tecla **CH▲▼** finaliza el proceso de configuración.

NOTA: Para repetir el proceso puede presionar **VOL▼**

5 SELECCIÓN DE ENTRADA AV



Presione la tecla **INPUT** para elegir la entrada de video correcta que desee.

Please select the proper location for your TV,
the display will be adjusted for best results.

- Press CHannel UP for Store Mode.
- Press CHannel DOWN for Home Mode.

Store mode is for the retail display setup.
Home mode qualifies for ENERGY STAR.

PANTALLA INICIAL DE MODO DE AHORRO DE ENERGÍA

Please connect all antennas* and signals to the jacks and terminals.
Make sure all of your equipment is switched on.

- Press CHannel UP or DOWN for Channel/Signal search.
- Press VOLume DOWN for On Screen Help.

*To avoid signal interference when searching for channels using an Indoor Antenna, place the antenna at least 3 feet away from TV.

PANTALLA DE CONFIGURACIÓN INICIAL DE BÚSQUEDA DE CANALES



PANTALLA DE AVANCE DE BÚSQUEDA

Channel and Signal Setup:

Analog Channels...16	Digital Channels...24
Video 1...Yes	HDMI 1...Yes
Video 2...no	HDMI 2...no
Video 3...no	HDMI 3...no

Press CHannel UP or DOWN to exit the Setup process.
Press VOLume DOWN to repeat the process.

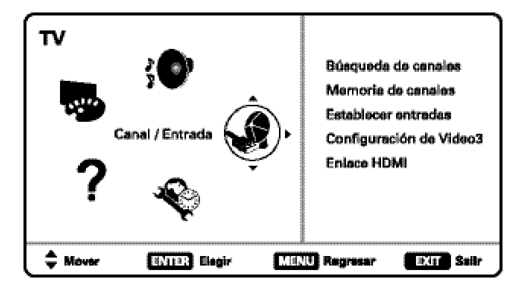
If you are having problems, call us toll-free at 1-800-877-5032

PANTALLA DE LISTADO DE CANALES Y SEÑALES

CANAL / ENTRADA



Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Canal / Entrada.* Presione **ENTER**.



PANTALLA DE MENÚ PRINCIPAL

Búsqueda de canales

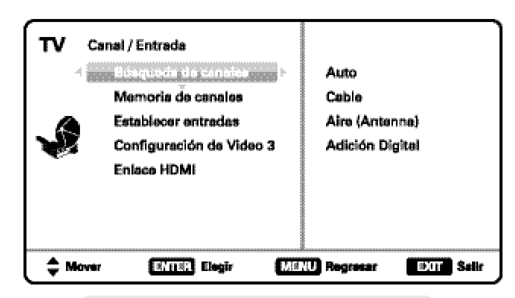
Auto – Busca en el modo detectado, Cable o Aire.

Cable – Busca canales análogos y canales digitales de Cable no codificados.

Aire (Antena) – Busca canales análogos y digitales de transmisión aérea.

Adición digital – Busca canales digitales de transmisión aérea, agregando canales recientemente encontrados a la base de datos de canales.

NOTA: *La función de Adición Digital no es disponible si el modo de TV es Cable.*



PANTALLA DE ESTABLECER CANALES

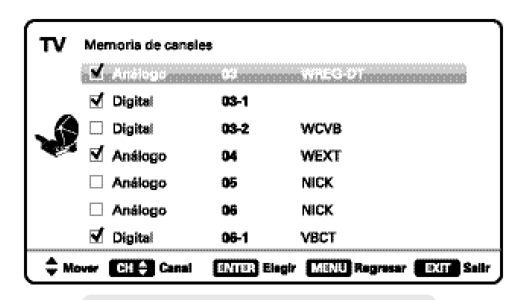
Memoria de Canales

Esta función enlista todos los canales encontrados, análogos y digitales. También muestra canales Análogos que no se hallaron y pueden ser agregados.

Use el **CURSOR ▲▼** para mover la barra de selección por todos los canales habilitados y deshabilitados, o use la tecla **CH ▲▼** para saltarse los deshabilitados.

Presione **ENTER** para habilitar (marcar) o deshabilitar (desmarcar) el canal seleccionado.

NOTA: *Para información sobre canales digitales locales, visite www.antennaweb.org*



PANTALLA DE MEMORIA DE CANALES

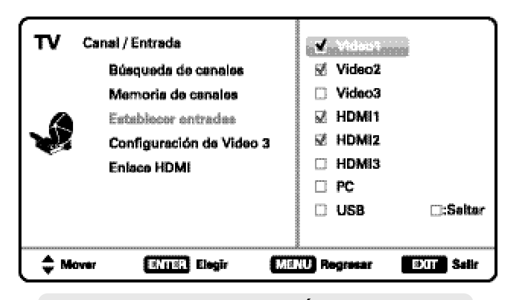
INFO. IMPORTANTE: Esta HDTV mantiene una sola base de datos para canales digitales. Por lo tanto cuando busque canales de Cable, la base de datos de canales digitales será borrada. Usted sólo podrá recibir aquellos canales ClearQAM (decodificados) provistos por su compañía de cable.

Establecer entradas

Esta función permite quitar del ciclo de entradas (INPUT) aquellas que no se estén utilizando.

Use el **CURSOR ▲▼** para elegir una entrada. Presione **ENTER** para habilitar (marcar) or deshabilitar (desmarcar) la entrada seleccionada.

NOTA: *Al menos una entrada debe quedar habilitada.*
☐*:Saltar es sólo como referencia.*



PANTALLA DE CONFIGURACIÓN DE ENTRADAS

Configuración de Video 3

Utilice esta función para establecer una conexión ya sea Componente o Compuesta a la entrada de VIDEO INPUT 3 en su HDTV.

Use el **CURSOR ▲▼** para seleccionar el tipo de conexión que será usada en la entrada Video3.

Presione **ENTER**, aparecerá una marca azul junto a la opción seleccionada.

TV Canal / Entrada
Búsqueda de canales
Memoria de canales
Establecer entradas
Configuración de Video3
Enlace HDMI

Detección automática
Componente
Compuesto

Mover | ENTER Elegir | MENU Regresar | EXIT Salir

PANTALLA DE CONFIG. DE VIDEO 3

Enlace HDMI

NOTA: Diseñado para utilizarse con una cámara digital Xacti de Video/Película marca Sanyo y puede no activar todas las funciones HDMI-CEC de otros equipos.

Utilice la *Función HDMI-CEC* para habilitar y deshabilitar funciones CEC disponibles.

Encendido Sinc. HDMI y *Apagado Sinc. HDMI* habilitan funciones específicas como el proceso automático de encendido y apagado.

TV Enlace HDMI
Función HDMI-CEC
Encendido Sinc. HDMI
Apagado Sinc. HDMI

Apagado
Prendido

Mover | ENTER Elegir | MENU Regresar | EXIT Salir

PANTALLA DE ENLACE HDMI

CEC (Consumer Electronics Control)

La función CEC permite el control de múltiples aparatos habilitados con CEC con un solo control remoto, y la interacción de aparatos entre sí sin la intervención del usuario.

Xacti-LINK



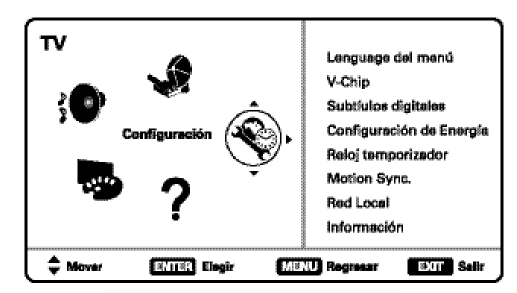
Con una cámara digital Xacti de Video/Película marca Sanyo conectada a la entrada HDMI de la HDTV, el configurar la Función HDMI-CEC a *Encendido*, habilita el uso de las teclas del control remoto GXEC para operar la cámara.

NOTA: La función HDMI-CEC de la cámara Xacti también debe ser encendida para habilitar el Xacti-Link.

CONFIGURACIÓN



Despliegue el menú en pantalla. Use las teclas **CURSOR ▲▼** para seleccionar *Configuración.* Presione **ENTER**.



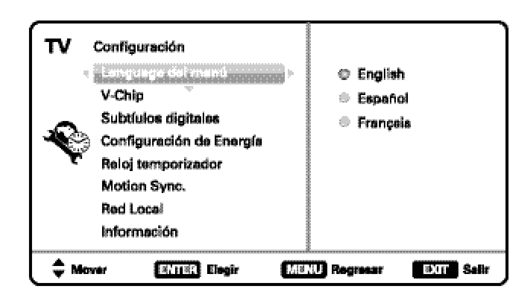
PANTALLA DE MENÚ PRINCIPAL

Lenguaje del Menú

Elija entre el idioma inglés, español o francés para desplegar el menú en pantalla.

- English
- Español
- Français

Presione **ENTER** en el idioma deseado.



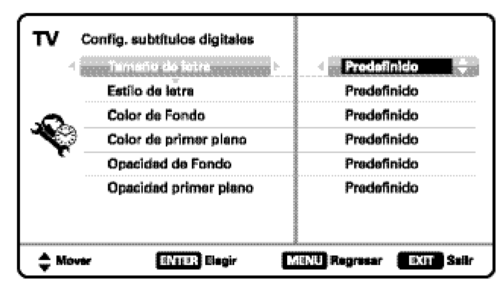
PANTALLA DE MENÚ DEL LENGUAJE

Subtítulos Digitales

Los Subtítulos Digitales son información de texto oculta, transmitida junto con la imagen y sonido. El activar la función (al presionar la tecla **CAPTION** al ver televisión), la HDTV abre e interpreta esta información (digital o análoga) y sobreimpone los textos en pantalla.

NOTA: Las transmisoras locales deciden que información transmitir.

Use el **CURSOR ▲▼** y ◀ ▶ para modificar la letra, el fondo y el primer plano de los subtítulos digitales.



PANTALLA DE CONFIGURACIÓN DE SUBTÍTULOS DIGITALES

Configuración de Energía

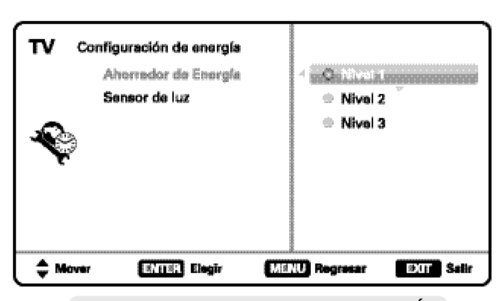
Utilice las funciones de *Ahorrador de Energía* y *Sensor de luz* dentro del menú de *Configuración de Energía* para controlar el brillo de las lámparas del panel para reducir el consumo de energía.

Ahorrador de Energía – Controla el brillo del panel para reducir el consumo de energía.

- Nivel 1: Ahorrador de Energía apagado.
- Nivel 2: Bajo consumo de energía.
- Nivel 3: Consumo de energía aún más bajo.

Presione **ENTER** en el nivel deseado.

NOTA: La tecla ECO también puede ser utilizada para modificar los valores sin accesar el menú.

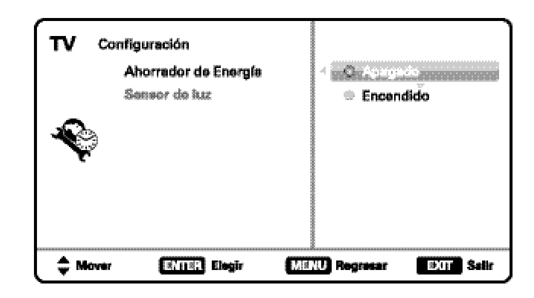


PANTALLA DE AHORRADOR DE ENERGÍA

CONFIGURACIÓN

Sensor de luz – Detecta la intensidad de luz ambiental del cuarto y controla los parámetros de brillo e imagen para reducir el consumo de energía de la TV.

NOTA: *Cuando la habitación esté oscura, el brillo del panel y/o los parámetros de imagen tales como brillo y contraste son reducidos. Cuando la habitación es más iluminada, los parámetros se afectan de manera contraria.*

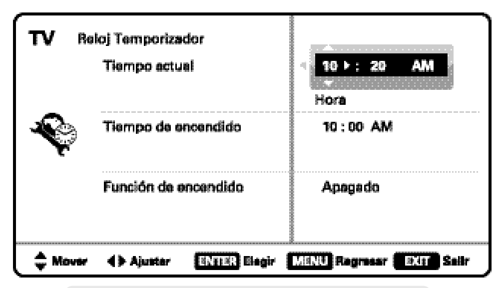


PANTALLA DE SENSOR DE LUZ

Reloj Temporizador

Esta función permite establecer la Hora Actual en su HDTV y habilitar una Hora de Encendido para que el televisor se prenda a determinada hora.

Cuando la *Función de encendido* se habilita, la TV automáticamente se encenderá a la hora establecida.



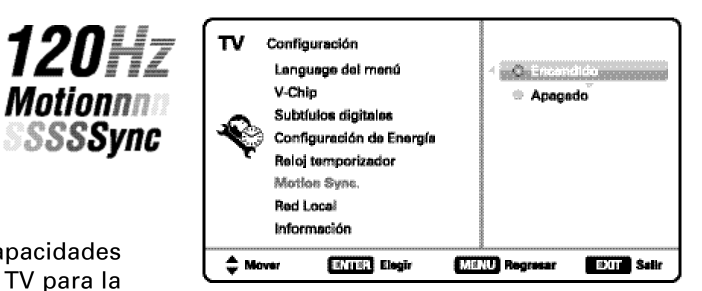
PANTALLA DE RELOJ TEMPORIZADOR

Motion Sync. (120 Hz)

Su HDTV desplegará todas las señales a una frecuencia de barrido de 120Hz. Motion Sync es una función especial de Conversión de Cuadros por Segundo que ayuda a eliminar imágenes borrosas y distorsión, debidos al movimiento y las escencas de acción rápida.

Encendido – Aprovecha totalmente las capacidades de frecuencia de barrido de la TV para la mejor imagen.

Apagado – Deshabilita la función de Motion Sync.



PANTALLA DE MOTION SYNC.

CONFIGURACIÓN

V – Chip (Control paternal)

Utilice esta función para bloquear automáticamente programación con contenido que crea inapropiado para ser visto por sus hijos.

NOTA: Esta función está diseñada para cumplir con regulaciones de la FCC para V-Chip en los Estados Unidos de América. Esta función pudiera no activarse con señales que originen de otros países.

AJUSTES A CONFIGURACIÓN V-CHIP

Elija *Encendido* y presione **ENTER**. Elija *Ajustar* y presione **ENTER**.

NOTA: Bloquear una clasificación bloqueará todas las clasificaciones más altas. Desbloquear una clasificación, desbloqueará todas las más bajas.

Para clasificaciones V-Chip (Cine) elija *Cine* y presione **ENTER**, luego seleccione el límite MPAA deseado.

Para clasificaciones V-Chip (TV) elija *TV* y presione **ENTER**. Use las teclas de **CURSOR ▲▼** para elegir una clasificación y presione **ENTER**. Use el **CURSOR ▲ ▼** para establecer la clasificación como *Bloqueada* o *Visible*. Ya configuradas las clasificaciones, presione la tecla **EXIT** para salir del menú.

NOTA: Algunas clasificaciones de TV tienen más configuraciones como Diálogo, Lenguaje, Sexual y Violencia.

SISTEMA AVANZADO V-CHIP (RRT5)

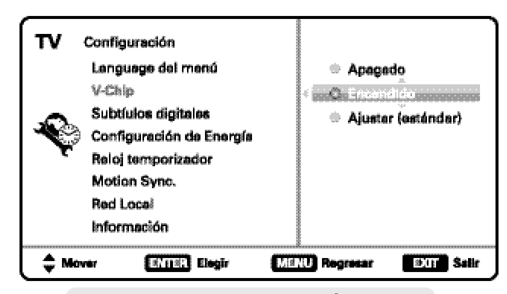
RRT5 (V-chip Regional Ratings 5) es un sistema avanzado de clasificación para canales digitales por aire. Cuando la HDTV detecta datos RRT5 compatibles, se descargan y almacenan en memoria, entonces la pantalla de configuración V-Chip es modificada para mostrar la opción de *Ajustar (Avanzado)*.

Utilice las teclas **CURSOR ▲▼** y **◀ ▶** para seleccionar las diferentes opciones. Use **ENTER** para bloquear o desbloquear la clasificación seleccionada.

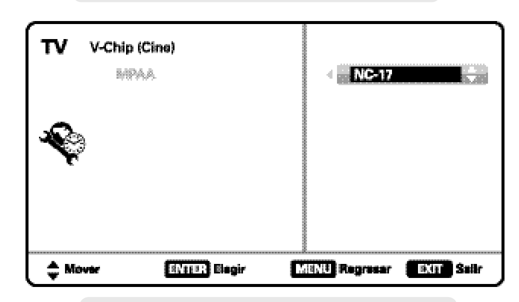
*NOTA: Cuando aparezcan barras verticales, presione **CURSOR ▲▼** para accesar clasificaciones adicionales.*

MÁS INFORMACIÓN

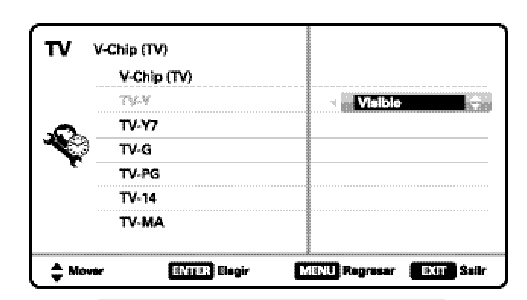
Puede consultar información adicional sobre las clasificaciones V-Chip y MPAA en las páginas: www.v-chip.org y www.mpaa.org



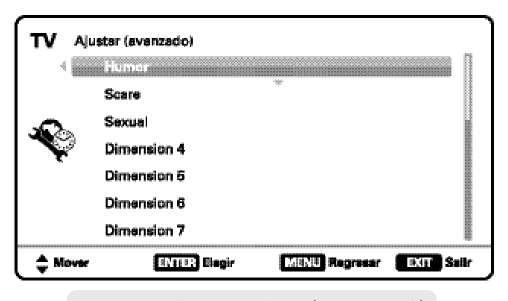
PANTALLA DE CONFIGURACIÓN/V-CHIP



PANTALLA DE AJUSTE DE CONFIG. CINE



PANTALLA DE AJUSTE DE CONFIG. TV

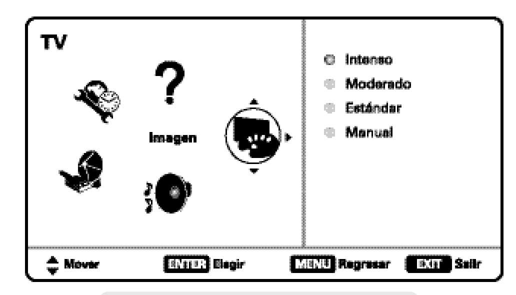


PANTALLAS DE AJUSTAR (AVANZADO)

IMAGEN



Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Imagen.* Presione **ENTER**.

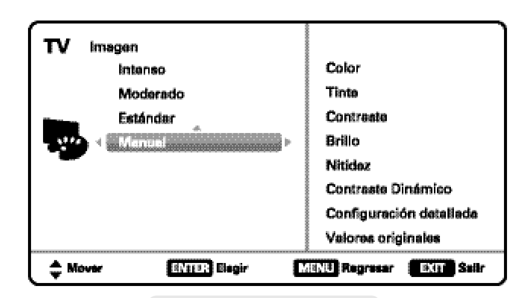


PANTALLA DE MENÚ PRINCIPAL

Puede elegir entre *Intenso, Moderado y Estándar*, los cuales tienen valores fijos y predeterminados para los diferentes parámetros.

O puede elegir la opción de *Manual* para ingresar valores personalizados.

NOTA: Cada entrada de AV puede tener su propio modo de imagen (predeterminado o manual). La opción seleccionada es indicada por una marca azul.



PANTALLA DE IMAGEN

CONFIGURACIÓN MANUAL DE IMAGEN

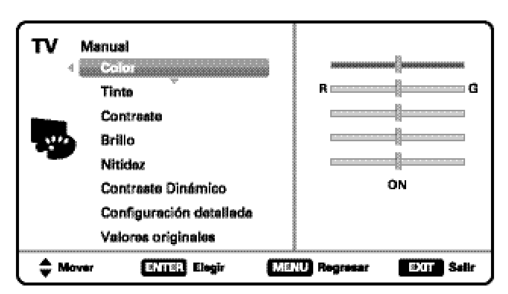
Parámetros de ajuste Manual:

- *Color*
- *Tinte*
- *Contraste*
- *Brillo*
- *Nitidez*
- *Contraste Dinámico*

La opción de *Configuración Detallada* permite el ajuste de 7 parámetros adicionales tales como:

- *Balanceo de señal*
- *Reducción de ruido*
- *Balance de blanco*
- *Nitidez Vertical*
- *Realce de orillas*
- *Tamaño-H*
- *Tamaño-V*

NOTA: La opción de Valores originales regresa todos los parámetros a sus niveles de fábrica.



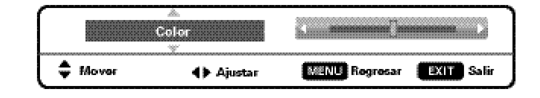
PANTALLA DE SELECCIÓN DE PARÁMETROS

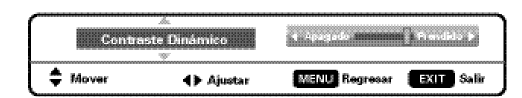
AJUSTES A LOS PARÁMETROS DE IMAGEN

Utilice las teclas de **CURSOR ▲▼** para seleccionar el parámetro que desea ajustar. Presione la tecla **ENTER** para accesar la pantalla de ajustes. Modifique los valores del parámetro utilizando las teclas de **CURSOR ◀ ▶**.

NOTA: Las teclas de **CURSOR ▲▼** *seleccionan al siguiente o previo parámetro sin regresar a la pantalla anterior.*

Una vez terminados los ajustes, presione la tecla **EXIT** para salir del menú.





EJEMPLOS DE PANTALLA DE AJUSTE DE PARÁMETROS

PIX SHAPE

TRANSMISION 4:3 | TRANSMISION 16:9

Pix1
Despliega una imagen 4:3 de definición estándar en su formato original, una imagen de 16:9 es ligeramente comprimida horizontalmente.

NOTA: Aparecen barras verticales en ambos lados de la pantalla.

Pix2
Despliega la imagen en toda la pantalla.

NOTA: Una imagen 4:3 de definición estándar es estirada horizontalmente.

Pix3
La imagen es estirada verticalmente en comparación con Pix2.

NOTA: Despliega un acercamiento proporcional para una imagen de 4:3.

Pix4
La imagen es estirada horizontalmente en comparación con Pix3.

NOTA: Despliega un acercamiento proporcional para una imagen de 16:9.

Pix5
Similar a Pix2, la imagen es estirada horizontalmente en una proporción linear dejando el centro de la pantalla menos estirado que los lados.

NOTA: Pix5 no estira significativamente una imagen de 16:9.

NOTA: Hay otras relaciones de aspecto que pudieran ser transmitidas aparte de las más comunes de 4:3 y 16:9.

Pix6 Similar a Pix1 sin *Overscan**.

Pix7 Similar a Pix2 sin *Overscan**.

* *Overscan* permite que la imagen ligeramente exceda las limitaciones de las orillas.

NOTA: Pix6 y Pix7 no son óptimas para contenido en Definición Estándar (puede aparecer una línea blanca en la orilla de la pantalla). Pix6 y Pix7 se recomienda sólo para una señal de PC por medio de HDMI.

Pix-Auto **(AFD) Descripción del Formato Activo**. Datos enviados junto con el video incluyen información del formato de imagen, lo cual permite a la TV ajustar el Pix-Shape automáticamente.

NOTA: Este modo de Pix-Shape sólo está disponible para señales digitales por aire.

SONIDO



Despliegue el menú en pantalla. Utilice las teclas **CURSOR ▲▼** para seleccionar *Sonido.* Presione **ENTER**.

Elija una opción para su configuración de sonido:

Auto – Utiliza valores predeterminados de acuerdo al modo actual de Imagen.

Dinámico, Tenue, Estándar – Valores predeterminados para el sonido no ligados a las opciones de imagen.

CONFIGURACIÓN MANUAL DE SONIDO

La opción de *Manual* incluye varios parámetros que pueden ser ajustados personalmente:

- *Graves*
- *Agudos*
- *Configuración Detallada*
  - *Ecualizador de 4 bandas*: Personalice el espectro de graves y agudos.

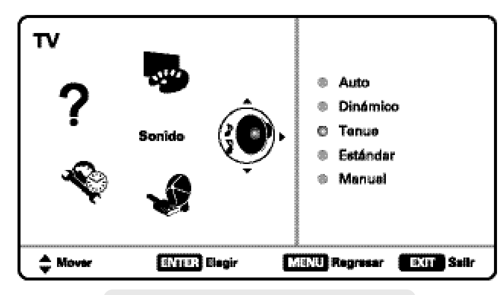
NOTA: La opción de Valores Originales regresa todos los parámetros a su configuración original de fábrica.

AJUSTES A LOS PARÁMETROS DE SONIDO

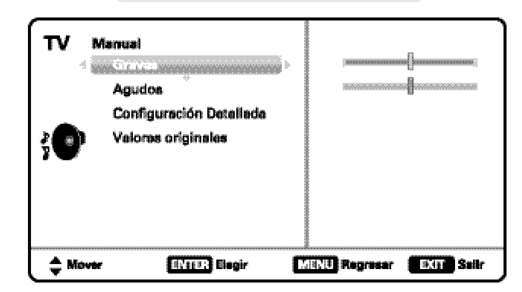
Utilice las teclas de **CURSOR ▲▼** para seleccionar el parámetro que desea ajustar. Presione la tecla **ENTER** para accesar la pantalla de ajustes. Modifique los valores del parámetro utilizando las teclas de **CURSOR ◄ ►**.

NOTA: Las teclas de **CURSOR ▲▼** *seleccionan al siguiente o previo parámetro sin regresar a la pantalla anterior.*

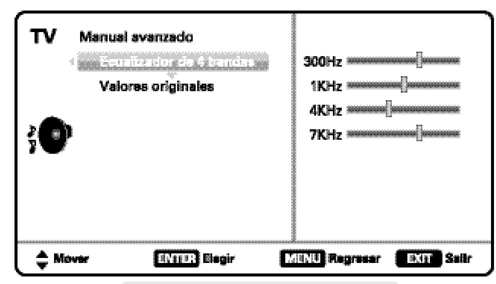
Una vez terminados los ajustes, presione la tecla **EXIT** para salir del menú.



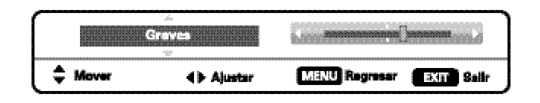
PANTALLA DE MENÚ PRINCIPAL

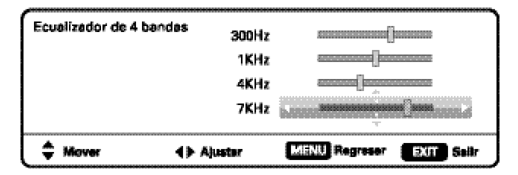


PANTALLA DE PARÁMETROS MANUALES



PANTALLA DE PARÁMETROS MANUAL (AVANZADO)





EJEMPLOS DE PANTALLA DE AJUSTE DE PARÁMETROS

CONEXIONES Y CONFIGURACION DE PC

Utilice su HDTV como monitor de computadora, conectando su televisor a su PC o Laptop por medio de un cable de monitor apropiado.



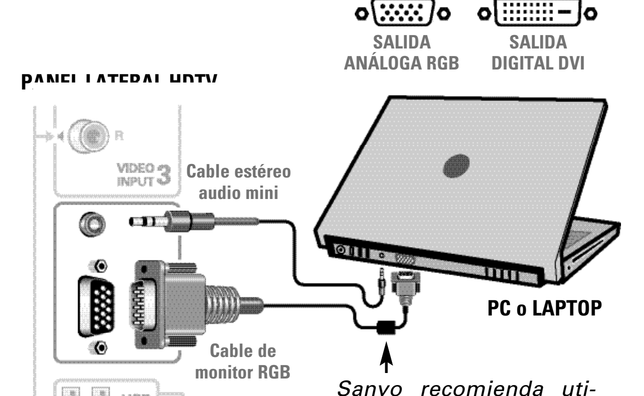
Antes de conectar algún cable, desenchufe de la toma AC los cables de corriente tanto de la HDTV como de la PC.



Encienda la HDTV y cualquier otro equipo externo antes de encender la computadora.

Para evitar una condición "Fuera de Rango", establezca la resolución de video de su PC a una resolución compatible con la HDTV. Ver pág. 27.

NOTA: *Si la PC sólo cuenta con salida DVI, un adaptador DVI a RGB será requerido, o un cable DVI a HDMI y unos cables RCA de audio (ver entrada HDMI (DVI) INPUT1 en pág 32).*

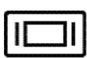


Sanyo recomienda utilizar un cable de monitor con ferrita.

Pantalla Laptop

Si utiliza su HDTV Sanyo para desplegar las imágenes en pantalla de una laptop, el mantener presionada la tecla Fn (o FN) mientras pesiona la tecla de función (F5, F7, F8, etc.) apropiada deberá ciclar los modos de despliegue entre la laptop y la HDTV.

Los modos pueden incluir el desplegar la imagen sólo en la laptop, tanto en la laptop como la HDTV, o desplegar sólo en la HDTV.

Sostenga  y presione 

NOTA: *Los símbolos de las teclas Fn y de función en el teclado de la laptop pueden variar entre una marca y otra.*

Configuración de PC

Auto Ajuste – Ajuste automático de posición de la imagen, dot clock y fase.

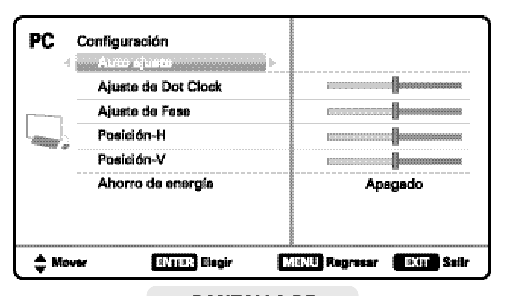
Dot Clock – Ajusta la Frecuencia de Barrido para igualarla a la de su PC.

Fase – Ajuste la Fase cuando la imagen aparenta vibrar o estar borrosa.

Posición-H – Mueva la imagen horizontalmente.

Posición-V – Mueva la imagen verticalmente.

Ahorro de energía – Habilita a la HDTV entrar en modo de espera mientras la PC no se utilice.

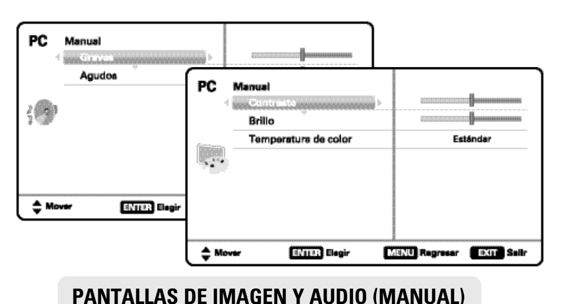


PANTALLA DE CONFIGURACIÓN PC

Imagen y Audio PC

Estándar – Aplica valores predeterminados a los parámetros de Imagen y Audio.

Manual – Ajuste los parámetros de *Contraste, Brillo* y *Temperatura de color* de la pantalla, y los *Graves y Agudos* del audio.



PANTALLAS DE IMAGEN Y AUDIO (MANUAL)

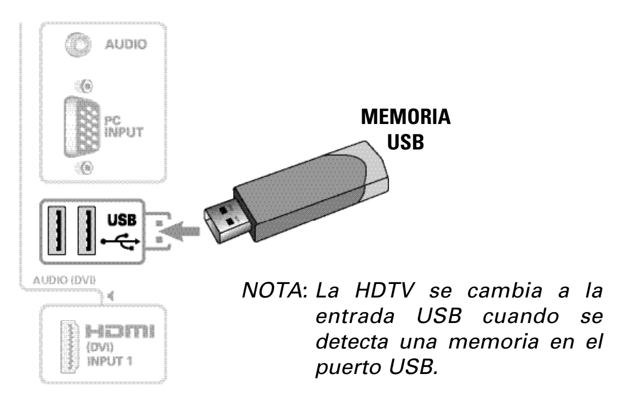
NOTA: *Estos parámetros no afectan los de TV normal.*

REPRODUCTOR DE IMÁGENES

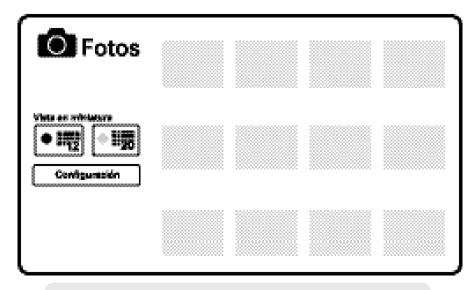
Despliegue fotos en su HDTV con el uso de un dispositivo de memoria USB.

Se pueden utilizar cualquiera de las dos entradas USB en el panel lateral de la HDTV.

NOTA: *Al conectar dos dispositivos de almacenamiento, sólo el primero en conectarse será reconocido y habilitado.*



NOTA: *La HDTV se cambia a la entrada USB cuando se detecta una memoria en el puerto USB.*



PANTALLA DE VISTAS EN MINIATURA

NOTA: *Aparecerá un ícono "tapando" la vista en miniatura si una foto no puede ser decodificada o no contiene datos de vista previa.*

FUNCIONAMIENTO

Presione **ENTER** sobre una foto en vista miniatura para habilitar las siguientes opciones:

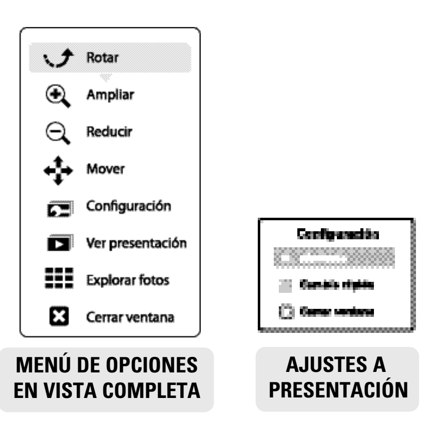
Rotar: Gira la imagen 90º.

Vista completa: Despliega la imagen en toda la pantalla.

NOTA: *Use las teclas de* **CURSOR ◀ ▶** *para cambiar de imagen.*

Una vez en Vista Completa, presione **ENTER** para acceser el menú de opciones, donde podrá *Ampliar* y *Mover* la imagen desplegada, *Ver Presentación* o regresar a la pantalla de Vistas en Miniatura.

Ver presentación: Despliega todas las imágenes automáticamente una trás otra por un determinado tiempo. Las opciones de *Aleatorio* y *Cambio Rápido* se pueden activar o desactivar desde el menú de Configuración.



MENÚ DE OPCIONES EN VISTA COMPLETA

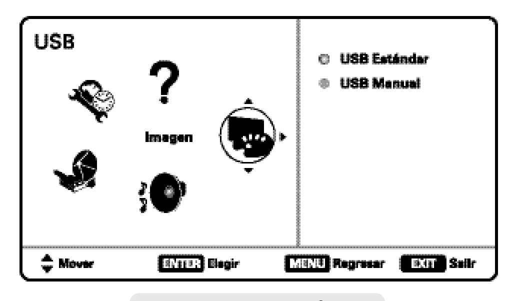
AJUSTES A PRESENTACIÓN

MENÚ DEL REPRODUCTOR

Presione **MENU** al estar en vista completa o en una presentación de diapositivas para desplegar el menú.

Ajustes de imagen – Ajuste *Color, Tinte, Contraste, Brillo, Nitidez* y *Contraste Dinámico.*

NOTA: *Ajustes de imagen son configuraciones separadas a las de TV y entradas AV.*



PANTALLA DE MENÚ USB

GARANTÍA LIMITADA DE UN AÑO EN PARTES Y MANO DE OBRA

ESTA GARANTÍA LIMITADA DE PARTES Y MANO DE OBRA ES VÁLIDA SÓLO EN TELEVISORES SANYO COMPRADOS Y USADOS EN LOS ESTADOS UNIDOS DE AMÉRICA, CANADÁ Y PUERTO RICO, EXCLUYENDO CUALQUIER OTRO TERRITORIO Y PROTECTORADO DE E.E.U.U. ESTA GARANTÍA LIMITADA APLICA SÓLO A COMPRADORES MINORISTAS Y NO APLICA A PRODUCTOS UTILIZADOS CON FINES COMERCIALES O INDUSTRIALES.

APLICACIÓN DE LA GARANTÍA

POR UN AÑO, desde la fecha de la compra original, Sanyo Manufacturing Corporation (SMC) garantiza esta televisión de estar libre de defectos de manufactura en materiales y mano de obra bajo uso y condiciones normales para partes y trabajo.

Por los **PRIMEROS 90 DÍAS**, desde la fecha de la compra original, Sanyo Manufacturing Corporation remplazará cualquier televisión defectuosa vía el vendedor original. **Para asegurar la apropiada aplicación de la garantía, conserve el recibo original de compra fechado como evidencia de compra. Regrese la TV defectuosa al vendedor junto con su recibo de compra además de todos los accesorios incluídos, como el control remoto. La TV defectuosa será cambiada por una del mismo modelo, o un modelo equivalente o de igual valor, si es necesario. El reemplazo de la TV será en contingencia y disponibilidad y a la exclusiva discreción de Sanyo Manufacturing Corporation.**

ESTA GARANTÍA ES EXCLUYENTE DE Y EN LUGAR DE TODAS LAS OTRAS GARANTÍAS DE COMERCIALIZACIÓN O USO PARA UN PROPÓSITO ESPECÍFICO.

OBLIGACIONES

Por un año, desde la fecha de la compra original, Sanyo Manufacturing Corporation (SMC) garantiza esta televisión de estar libre de defectos de manufactura en materiales y mano de obra bajo condiciones normales de uso. Durante los primeros 90 días bajo esta garantía para cualquier defecto de manufactura o mal funcionamiento Sanyo Manufacturing Corporation proveerá una nueva TV vía intercambio con el vendedor.

CÓMO HACER UN RECLAMO BAJO ESTA GARANTÍA.

Por favor llame al 1-877-864-9604. Por favor esté preparado para darnos el número de modelo de la televisión cuando llame. El número de modelo y el número de serie están **impresos en la etiqueta agregada** en la parte trasera de la unidad.

Para asistencia al consumidor, llame sin costo al 1-877-864-9604
Horas de operación: Lunes a Viernes de 7:30 AM a 7:00 PM (horario del Centro)

Esta garantía expresa derechos contractuales específicos; minoristas podrán tener derechos estatutarios adicionales que pueden variar de estado a estado.

(EFECTIVO: Marzo 1, 2007)

Su HDTV Sanyo es registrada al momento de la compra, por favor guarde su recibo de compra.

Para su protección en caso de robo o pérdida de este producto, por favor llene la siguiente información requerida y **GUÁRDELA** en un lugar seguro para su registro personal:

No. de Modelo________________________

No. de Serie __________________________
(Localizado en la parte posterior de la TV)

Fecha de compra _________________________

Precio de compra _________________________

Lugar de compra _________________________



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

NOTES / ANOTACIONES

NOTES / ANOTACIONES

For assistance:

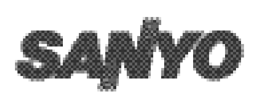
Visit our Web site:

www.sanyoctv.com

or call toll free:

1-800-877-5032

We'll be glad to Help



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

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